

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038866.D
 Acq On : 17 Nov 2023 02:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 03:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	141641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115022	50.397	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.800%			
35) Dibromofluoromethane	5.385	113	94024	47.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.220%			
50) Toluene-d8	8.647	98	358199	47.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.800%			
62) 4-Bromofluorobenzene	11.079	95	140525	46.457	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90380	54.687	ug/l	99
3) Chloromethane	1.294	50	106084	49.179	ug/l	97
4) Vinyl Chloride	1.373	62	106430	51.221	ug/l	99
5) Bromomethane	1.599	94	51111	59.493	ug/l	98
6) Chloroethane	1.678	64	63741	53.754	ug/l	99
7) Trichlorofluoromethane	1.886	101	138681	52.596	ug/l	100
8) Diethyl Ether	2.136	74	59059	51.426	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	84689	48.432	ug/l	97
10) Methyl Iodide	2.453	142	106758	50.162	ug/l	91
11) Tert butyl alcohol	2.959	59	181823	286.432	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	87631	49.639	ug/l	90
13) Acrolein	2.233	56	92369	275.037	ug/l	100
14) Allyl chloride	2.666	41	173822	49.178	ug/l	91
15) Acrylonitrile	3.062	53	351698	262.207	ug/l	98
16) Acetone	2.379	43	281582	231.760	ug/l #	88
17) Carbon Disulfide	2.507	76	252835	46.235	ug/l	100
18) Methyl Acetate	2.702	43	309603	53.648	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	322691	51.969	ug/l	98
20) Methylene Chloride	2.788	84	104364	47.651	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	95339	48.944	ug/l	97
22) Diisopropyl ether	3.757	45	340325	52.486	ug/l	94
23) Vinyl Acetate	3.721	43	1195371	255.971	ug/l	98
24) 1,1-Dichloroethane	3.611	63	183977	50.738	ug/l	99
25) 2-Butanone	4.556	43	496842	252.173	ug/l	97
26) 2,2-Dichloropropane	4.477	77	126896	40.345	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	112913	49.729	ug/l	94
28) Bromochloromethane	4.897	49	90657	52.074	ug/l	97
29) Tetrahydrofuran	5.001	42	331988	265.380	ug/l	98
30) Chloroform	5.092	83	183086	51.709	ug/l	99
31) Cyclohexane	5.470	56	161594	49.590	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	156809	51.131	ug/l	98
36) 1,1-Dichloropropene	5.696	75	133996	47.339	ug/l	98
37) Ethyl Acetate	4.714	43	182443	49.472	ug/l	97
38) Carbon Tetrachloride	5.678	117	130753	49.980	ug/l	99
39) Methylcyclohexane	7.378	83	167069	45.249	ug/l	98
40) Benzene	6.037	78	407125	48.630	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038866.D
 Acq On : 17 Nov 2023 02:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 03:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	96683	50.549	ug/l	93
42) 1,2-Dichloroethane	6.086	62	140300	50.581	ug/l	98
43) Isopropyl Acetate	6.336	43	295948	50.215	ug/l	97
44) Trichloroethene	7.122	130	99600	48.876	ug/l	95
45) 1,2-Dichloropropane	7.427	63	111591	49.531	ug/l	97
46) Dibromomethane	7.580	93	76112	50.659	ug/l	96
47) Bromodichloromethane	7.824	83	145669	48.849	ug/l	99
48) Methyl methacrylate	7.689	41	139226	48.688	ug/l	93
49) 1,4-Dioxane	7.659	88	64443	1164.883	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	961598	255.312	ug/l	98
52) Toluene	8.720	92	251959	48.498	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	167923	47.386	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	175211	47.866	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	106376	49.072	ug/l	94
56) Ethyl methacrylate	9.116	69	183487	50.027	ug/l	95
57) 1,3-Dichloropropane	9.305	76	177436	49.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	447119	261.689	ug/l	95
59) 2-Hexanone	9.427	43	774776	256.646	ug/l	97
60) Dibromochloromethane	9.518	129	108606	49.273	ug/l	100
61) 1,2-Dibromoethane	9.610	107	112882	49.625	ug/l	100
64) Tetrachloroethene	9.274	164	79518	50.213	ug/l	96
65) Chlorobenzene	10.079	112	264020	48.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	97214	49.243	ug/l	97
67) Ethyl Benzene	10.195	91	494658	49.058	ug/l	99
68) m/p-Xylenes	10.299	106	374244	98.120	ug/l	100
69) o-Xylene	10.640	106	184209	48.809	ug/l	100
70) Styrene	10.652	104	312896	49.091	ug/l	99
71) Bromoform	10.799	173	82338	50.031	ug/l #	99
73) Isopropylbenzene	10.963	105	479510	47.968	ug/l	100
74) N-amyl acetate	10.841	43	261954	49.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	186832	47.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156279m	48.821	ug/l	
77) Bromobenzene	11.195	156	106774	47.536	ug/l	96
78) n-propylbenzene	11.305	91	589288	47.892	ug/l	98
79) 2-Chlorotoluene	11.366	91	343294	47.012	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	406848	48.404	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	63864	44.253	ug/l #	81
82) 4-Chlorotoluene	11.451	91	401789	47.719	ug/l	99
83) tert-Butylbenzene	11.713	119	388271	46.904	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	410257	48.223	ug/l	100
85) sec-Butylbenzene	11.890	105	518340	47.871	ug/l	99
86) p-Isopropyltoluene	12.006	119	414971	47.741	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	210416	47.838	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	213148	47.347	ug/l	99
89) n-Butylbenzene	12.329	91	411443	46.916	ug/l	97
90) Hexachloroethane	12.536	117	83390	48.041	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	205953	49.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	48983	51.234	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	134308	48.042	ug/l	98
94) Hexachlorobutadiene	13.725	225	45369	45.826	ug/l	99
95) Naphthalene	13.774	128	508907	48.877	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	130953	49.413	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038866.D
Acq On : 17 Nov 2023 02:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

Quant Time: Nov 17 03:31:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038866.D
Acq On : 17 Nov 2023 02:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 17 03:31:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/17/2023
Supervised By : Mahesh Dadoda 11/17/2023

