

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037648.D
 Acq On : 11 Sep 2023 18:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 08:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 08:46:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	160688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127918	49.203	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.400%		
35) Dibromofluoromethane	5.385	113	100127	49.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	8.653	98	383734	50.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	143668	52.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88059	51.255	ug/l	99
3) Chloromethane	1.300	50	97003	48.140	ug/l	98
4) Vinyl Chloride	1.374	62	110154	49.672	ug/l	99
5) Bromomethane	1.599	94	95755	50.859	ug/l	99
6) Chloroethane	1.678	64	71815	47.506	ug/l	96
7) Trichlorofluoromethane	1.880	101	193310	52.159	ug/l	99
8) Diethyl Ether	2.136	74	75363	49.584	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	82291	49.467	ug/l	98
10) Methyl Iodide	2.447	142	101435	51.295	ug/l	95
11) Tert butyl alcohol	2.965	59	137436	255.623	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	79462	48.623	ug/l	90
13) Acrolein	2.239	56	107126	253.046	ug/l	98
14) Allyl chloride	2.660	41	143030	49.183	ug/l	95
15) Acrylonitrile	3.062	53	300487	245.762	ug/l	99
16) Acetone	2.379	43	253355	235.739	ug/l	90
17) Carbon Disulfide	2.507	76	198993	47.235	ug/l	99
18) Methyl Acetate	2.703	43	219950	48.831	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	326081	49.427	ug/l	100
20) Methylene Chloride	2.788	84	103164	50.761	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	93569	48.282	ug/l	97
22) Diisopropyl ether	3.763	45	316342	49.838	ug/l	88
23) Vinyl Acetate	3.721	43	1205659	258.894	ug/l	97
24) 1,1-Dichloroethane	3.611	63	181052	48.756	ug/l	99
25) 2-Butanone	4.556	43	423866	245.641	ug/l	94
26) 2,2-Dichloropropane	4.477	77	131812	51.264	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	114126	49.246	ug/l	93
28) Bromochloromethane	4.903	49	92802	49.285	ug/l	92
29) Tetrahydrofuran	5.007	42	272526	245.562	ug/l	91
30) Chloroform	5.092	83	199406	49.528	ug/l	97
31) Cyclohexane	5.470	56	151253	50.523	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	169359	50.081	ug/l	99
36) 1,1-Dichloropropene	5.696	75	136572	49.040	ug/l	99
37) Ethyl Acetate	4.714	43	165375	51.412	ug/l	98
38) Carbon Tetrachloride	5.678	117	142200	51.126	ug/l	99
39) Methylcyclohexane	7.379	83	164964	50.362	ug/l	93
40) Benzene	6.037	78	420664	49.677	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037648.D
 Acq On : 11 Sep 2023 18:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 08:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 08:46:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	87559	51.314	ug/l	93
42) 1,2-Dichloroethane	6.086	62	163937	49.960	ug/l	99
43) Isopropyl Acetate	6.342	43	261819	51.569	ug/l	97
44) Trichloroethene	7.129	130	102289	49.493	ug/l	99
45) 1,2-Dichloropropane	7.433	63	112013	50.412	ug/l	99
46) Dibromomethane	7.580	93	80083	49.401	ug/l	98
47) Bromodichloromethane	7.824	83	151093	52.003	ug/l	96
48) Methyl methacrylate	7.696	41	126730	51.109	ug/l	88
49) 1,4-Dioxane	7.659	88	62938	1019.054	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	878745	262.508	ug/l	97
52) Toluene	8.720	92	272447	50.847	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	159522	54.424	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	171068	53.413	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	117531	51.012	ug/l	95
56) Ethyl methacrylate	9.116	69	182911	52.827	ug/l	94
57) 1,3-Dichloropropane	9.311	76	191781	50.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	415989	248.923	ug/l	98
59) 2-Hexanone	9.433	43	695736	270.963	ug/l	95
60) Dibromochloromethane	9.525	129	118580	53.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125783	51.773	ug/l	99
64) Tetrachloroethene	9.275	164	85926	48.246	ug/l	99
65) Chlorobenzene	10.079	112	295508	49.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	105832	50.595	ug/l	97
67) Ethyl Benzene	10.195	91	537771	50.454	ug/l	99
68) m/p-Xylenes	10.305	106	414993	102.182	ug/l	99
69) o-Xylene	10.640	106	204758	50.844	ug/l	99
70) Styrene	10.658	104	347810	52.349	ug/l	97
71) Bromoform	10.799	173	87391	54.654	ug/l #	100
73) Isopropylbenzene	10.963	105	538168	48.428	ug/l	99
74) N-amyl acetate	10.841	43	248991	50.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	204967	48.647	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	160365m	48.916	ug/l	
77) Bromobenzene	11.201	156	128634	48.232	ug/l	93
78) n-propylbenzene	11.305	91	638099	49.751	ug/l	99
79) 2-Chlorotoluene	11.366	91	383212	48.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	467167	49.765	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	56323	52.737	ug/l	94
82) 4-Chlorotoluene	11.457	91	439232	48.927	ug/l	97
83) tert-Butylbenzene	11.713	119	470881	50.307	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	474251	50.300	ug/l	98
85) sec-Butylbenzene	11.890	105	584740	50.402	ug/l	100
86) p-Isopropyltoluene	12.012	119	486143	50.886	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	247264	48.797	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	250169	48.244	ug/l	99
89) n-Butylbenzene	12.335	91	442369	51.726	ug/l	97
90) Hexachloroethane	12.536	117	83595	51.756	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	252080	48.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44206	49.955	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	147335	49.228	ug/l	96
94) Hexachlorobutadiene	13.725	225	63379	48.861	ug/l	98
95) Naphthalene	13.774	128	555497	51.274	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	149027	48.286	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
Data File : VX037648.D
Acq On : 11 Sep 2023 18:13
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

Quant Time: Sep 12 08:52:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 08:46:29 2023
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Sep 12 08:52:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 08:46:29 2023
Response via : Initial Calibration

