

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038997.D
 Acq On : 21 Nov 2023 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 03:26:57 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 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	120568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92182	47.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.391	113	74114	47.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.646	98	275936	46.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.260%		
62) 4-Bromofluorobenzene	11.079	95	111961	46.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67440	47.938	ug/l	96
3) Chloromethane	1.294	50	72912	39.709	ug/l	100
4) Vinyl Chloride	1.373	62	75133	42.478	ug/l	97
5) Bromomethane	1.599	94	45075	61.637	ug/l	99
6) Chloroethane	1.684	64	47675	47.232	ug/l	99
7) Trichlorofluoromethane	1.885	101	109073	48.597	ug/l	99
8) Diethyl Ether	2.129	74	44260	45.276	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	64645	43.431	ug/l	96
10) Methyl Iodide	2.452	142	74363	41.047	ug/l	93
11) Tert butyl alcohol	2.958	59	129428	239.529	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	62620	41.671	ug/l	95
13) Acrolein	2.233	56	70014	244.910	ug/l	99
14) Allyl chloride	2.660	41	130450	43.358	ug/l	95
15) Acrylonitrile	3.062	53	263718	230.978	ug/l	99
16) Acetone	2.373	43	251498	243.178	ug/l	94
17) Carbon Disulfide	2.507	76	166921	35.860	ug/l	100
18) Methyl Acetate	2.696	43	244279	49.727	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	252144	47.705	ug/l	98
20) Methylene Chloride	2.788	84	77992	41.834	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	69420	41.867	ug/l	95
22) Diisopropyl ether	3.757	45	256669	46.502	ug/l	94
23) Vinyl Acetate	3.721	43	910787	229.120	ug/l	98
24) 1,1-Dichloroethane	3.611	63	139270	45.121	ug/l	100
25) 2-Butanone	4.550	43	394446	235.193	ug/l	97
26) 2,2-Dichloropropane	4.476	77	119444	44.613	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	86269	44.635	ug/l	96
28) Bromochloromethane	4.897	49	71663	48.358	ug/l	98
29) Tetrahydrofuran	5.001	42	254152	238.669	ug/l	98
30) Chloroform	5.092	83	143203	47.514	ug/l	93
31) Cyclohexane	5.470	56	118202	42.614	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	123802	47.424	ug/l	99
36) 1,1-Dichloropropene	5.696	75	103502	46.188	ug/l	99
37) Ethyl Acetate	4.708	43	139770	47.874	ug/l	99
38) Carbon Tetrachloride	5.671	117	104228	50.325	ug/l	95
39) Methylcyclohexane	7.378	83	125781	43.032	ug/l	94
40) Benzene	6.037	78	305420	46.081	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038997.D
 Acq On : 21 Nov 2023 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 03:26:57 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 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	73418	48.486	ug/l	93
42) 1,2-Dichloroethane	6.086	62	113772	51.811	ug/l	98
43) Isopropyl Acetate	6.336	43	224801	48.180	ug/l	98
44) Trichloroethene	7.128	130	77155	47.825	ug/l	97
45) 1,2-Dichloropropane	7.427	63	84695	47.485	ug/l	98
46) Dibromomethane	7.580	93	58478	49.164	ug/l	98
47) Bromodichloromethane	7.817	83	114665	48.571	ug/l	97
48) Methyl methacrylate	7.689	41	105775	46.724	ug/l	93
49) 1,4-Dioxane	7.659	88	43625	996.084	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	751735	252.114	ug/l	100
52) Toluene	8.720	92	192754	46.865	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	130909	46.662	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	136135	46.977	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	82671	48.173	ug/l	93
56) Ethyl methacrylate	9.116	69	138677	47.759	ug/l	97
57) 1,3-Dichloropropane	9.305	76	137698	48.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	321886	237.968	ug/l	95
59) 2-Hexanone	9.427	43	597053	249.819	ug/l	98
60) Dibromochloromethane	9.518	129	86594	49.625	ug/l	100
61) 1,2-Dibromoethane	9.610	107	86896	48.254	ug/l	99
64) Tetrachloroethene	9.274	164	59833	47.037	ug/l	96
65) Chlorobenzene	10.079	112	206916	46.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	74955	47.269	ug/l	97
67) Ethyl Benzene	10.195	91	383096	47.301	ug/l	100
68) m/p-Xylenes	10.299	106	287225	93.751	ug/l	98
69) o-Xylene	10.640	106	143055	47.189	ug/l	99
70) Styrene	10.652	104	239901	46.858	ug/l	98
71) Bromoform	10.799	173	64530	48.815	ug/l #	97
73) Isopropylbenzene	10.963	105	373470	45.150	ug/l	100
74) N-amyl acetate	10.841	43	194346	44.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	142657	44.180	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	120540m	45.507	ug/l	
77) Bromobenzene	11.195	156	84478	45.451	ug/l	98
78) n-propylbenzene	11.305	91	461021	45.280	ug/l	98
79) 2-Chlorotoluene	11.365	91	272022	45.019	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	323904	46.571	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	48584	40.684	ug/l #	84
82) 4-Chlorotoluene	11.451	91	315694	45.311	ug/l	100
83) tert-Butylbenzene	11.713	119	309165	45.135	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	322951	45.876	ug/l	100
85) sec-Butylbenzene	11.890	105	414562	46.269	ug/l	98
86) p-Isopropyltoluene	12.006	119	331292	46.061	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168721	46.356	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	170137	45.672	ug/l	99
89) n-Butylbenzene	12.329	91	325299	44.827	ug/l	97
90) Hexachloroethane	12.536	117	64127	44.647	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	163624	47.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	37301	47.150	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	105385	45.556	ug/l	97
94) Hexachlorobutadiene	13.725	225	37133	45.328	ug/l	99
95) Naphthalene	13.774	128	393652	45.690	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	102613	46.793	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
Data File : VX038997.D
Acq On : 21 Nov 2023 20:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:26:57 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

