

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032524.D
 Acq On : 01 Nov 2022 19:27
 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 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82339	51.860	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.720%			
35) Dibromofluoromethane	5.391	113	65674	51.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	223052	49.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	91956	52.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66043	50.112	ug/l	98
3) Chloromethane	1.294	50	55694	49.970	ug/l	96
4) Vinyl Chloride	1.374	62	61675	50.280	ug/l	99
5) Bromomethane	1.605	94	45002	45.908	ug/l	93
6) Chloroethane	1.685	64	40784	49.561	ug/l	98
7) Trichlorofluoromethane	1.886	101	117543	50.573	ug/l	98
8) Diethyl Ether	2.130	74	38058	50.529	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	61372	50.029	ug/l	98
10) Methyl Iodide	2.453	142	64207	47.170	ug/l	98
11) Tert butyl alcohol	2.965	59	55065	238.282	ug/l	99
12) 1,1-Dichloroethene	2.319	96	56815	49.579	ug/l	94
13) Acrolein	2.233	56	59609	258.383	ug/l	98
14) Allyl chloride	2.666	41	92301	50.528	ug/l	99
15) Acrylonitrile	3.062	53	149265	237.999	ug/l	99
16) Acetone	2.379	43	135517	234.839	ug/l	98
17) Carbon Disulfide	2.514	76	129568	47.470	ug/l	100
18) Methyl Acetate	2.703	43	96112	51.217	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208692	51.814	ug/l	99
20) Methylene Chloride	2.788	84	65643	49.613	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	60618	48.597	ug/l	95
22) Diisopropyl ether	3.757	45	202954	51.365	ug/l #	88
23) Vinyl Acetate	3.721	43	819986	256.866	ug/l	100
24) 1,1-Dichloroethane	3.611	63	116124	51.094	ug/l	99
25) 2-Butanone	4.556	43	208764	233.507	ug/l	100
26) 2,2-Dichloropropane	4.477	77	90604	50.150	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	74363	51.576	ug/l	99
28) Bromochloromethane	4.903	49	39491	48.782	ug/l	98
29) Tetrahydrofuran	5.007	42	136565	239.548	ug/l	99
30) Chloroform	5.092	83	130239	52.224	ug/l	98
31) Cyclohexane	5.476	56	93773	48.711	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	116341	51.987	ug/l	100
36) 1,1-Dichloropropene	5.696	75	87773	49.012	ug/l	99
37) Ethyl Acetate	4.714	43	86118	46.198	ug/l	99
38) Carbon Tetrachloride	5.684	117	102582	51.645	ug/l	99
39) Methylcyclohexane	7.385	83	103569	48.880	ug/l	99
40) Benzene	6.037	78	255381	50.393	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48393	50.961	ug/l	99
42) 1,2-Dichloroethane	6.086	62	108563	52.405	ug/l	99
43) Isopropyl Acetate	6.342	43	146942	51.340	ug/l	99
44) Trichloroethene	7.129	130	69986	49.057	ug/l	99
45) 1,2-Dichloropropane	7.433	63	65958	50.702	ug/l	99
46) Dibromomethane	7.580	93	50355	50.472	ug/l	99
47) Bromodichloromethane	7.824	83	99241	52.484	ug/l	99
48) Methyl methacrylate	7.696	41	74007	50.066	ug/l	100
49) 1,4-Dioxane	7.671	88	25857	917.869	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	446482	247.660	ug/l	99
52) Toluene	8.720	92	164605	49.784	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	102992	53.384	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109240	52.939	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70679	50.758	ug/l	99
56) Ethyl methacrylate	9.116	69	105689	52.743	ug/l	99
57) 1,3-Dichloropropane	9.311	76	114640	50.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	242288	251.110	ug/l	100
59) 2-Hexanone	9.433	43	331072	247.493	ug/l	100
60) Dibromochloromethane	9.525	129	79494	52.267	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76605	51.921	ug/l	99
64) Tetrachloroethene	9.275	164	59570	49.466	ug/l	95
65) Chlorobenzene	10.079	112	182683	49.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72072	51.958	ug/l	99
67) Ethyl Benzene	10.195	91	338088	51.297	ug/l	99
68) m/p-Xylenes	10.305	106	263059	102.788	ug/l	98
69) o-Xylene	10.646	106	128666	51.709	ug/l	98
70) Styrene	10.658	104	217782	52.664	ug/l	99
71) Bromoform	10.799	173	58312	53.169	ug/l #	100
73) Isopropylbenzene	10.963	105	339309	48.520	ug/l	99
74) N-amyl acetate	10.841	43	135379	51.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110623	49.281	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97891m	49.858	ug/l	
77) Bromobenzene	11.201	156	83962	48.973	ug/l	99
78) n-propylbenzene	11.305	91	392396	48.701	ug/l	100
79) 2-Chlorotoluene	11.366	91	235834	48.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	298510	49.944	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30536	49.489	ug/l	99
82) 4-Chlorotoluene	11.457	91	278598	49.342	ug/l	100
83) tert-Butylbenzene	11.713	119	295157	49.464	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	307418	51.714	ug/l	99
85) sec-Butylbenzene	11.890	105	360214	50.169	ug/l	100
86) p-Isopropyltoluene	12.012	119	305037	50.068	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160307	49.568	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162397	48.403	ug/l	99
89) n-Butylbenzene	12.335	91	265390	50.071	ug/l	100
90) Hexachloroethane	12.542	117	50076	50.320	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	159646	50.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24425	49.627	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	101227	48.684	ug/l	99
94) Hexachlorobutadiene	13.725	225	41672	47.988	ug/l	97
95) Naphthalene	13.780	128	347315	50.130	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101370	47.961	ug/l	100

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

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Data File : VX032524.D
Acq On : 01 Nov 2022 19:27
Operator : JC/MD
Sample : VSTDC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDC050EC

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