

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025512.D
 Acq On : 04 Dec 2021 11:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 01:00:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44423	48.708	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.420%		
35) Dibromofluoromethane	5.379	113	39280	47.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	8.647	98	144326	46.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.100%		
62) 4-Bromofluorobenzene	11.079	95	55397	47.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39809	53.077	ug/l	100
3) Chloromethane	1.294	50	40775	43.907	ug/l	100
4) Vinyl Chloride	1.374	62	44926	44.062	ug/l	99
5) Bromomethane	1.599	94	23489	53.584	ug/l	100
6) Chloroethane	1.678	64	29635	42.124	ug/l	96
7) Trichlorofluoromethane	1.886	101	73341	48.463	ug/l	97
8) Diethyl Ether	2.136	74	28829	46.160	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	43163	53.604	ug/l	98
10) Methyl Iodide	2.453	142	47131	46.812	ug/l	94
11) Tert butyl alcohol	2.971	59	47997	211.371	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39941	49.806	ug/l	90
13) Acrolein	2.239	56	10590	253.460	ug/l	96
14) Allyl chloride	2.666	41	67641	46.605	ug/l	95
15) Acrylonitrile	3.062	53	117513	240.110	ug/l	99
16) Acetone	2.380	43	128202	252.976	ug/l	95
17) Carbon Disulfide	2.508	76	90772	40.237	ug/l	98
18) Methyl Acetate	2.703	43	75713	46.761	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	141060	50.483	ug/l	99
20) Methylene Chloride	2.788	84	46138	48.432	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	42637	48.532	ug/l	88
22) Diisopropyl ether	3.763	45	140136	50.701	ug/l	95
23) Vinyl Acetate	3.721	43	548798	247.186	ug/l	96
24) 1,1-Dichloroethane	3.611	63	77158	51.089	ug/l	98
25) 2-Butanone	4.556	43	175925	240.109	ug/l	99
26) 2,2-Dichloropropane	4.477	77	67319	49.166	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	51856	50.545	ug/l	90
28) Bromochloromethane	4.897	49	35481	50.383	ug/l	93
29) Tetrahydrofuran	5.001	42	104841	231.099	ug/l	97
30) Chloroform	5.093	83	82422	52.441	ug/l	100
31) Cyclohexane	5.470	56	67629	47.986	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	73676	51.201	ug/l	98
36) 1,1-Dichloropropene	5.690	75	58941	50.267	ug/l	97
37) Ethyl Acetate	4.715	43	63257	47.416	ug/l	99
38) Carbon Tetrachloride	5.678	117	66080	51.166	ug/l	99
39) Methylcyclohexane	7.379	83	74471	49.514	ug/l	93
40) Benzene	6.037	78	177789	50.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34685	46.843	ug/l	96
42) 1,2-Dichloroethane	6.086	62	62493	54.071	ug/l	94
43) Isopropyl Acetate	6.342	43	105874	47.687	ug/l	98
44) Trichloroethene	7.123	130	53106	51.466	ug/l	92
45) 1,2-Dichloropropane	7.427	63	44599	51.122	ug/l	100
46) Dibromomethane	7.580	93	33134	52.319	ug/l	95
47) Bromodichloromethane	7.824	83	63093	50.695	ug/l	97
48) Methyl methacrylate	7.690	41	48518	46.563	ug/l	93
49) 1,4-Dioxane	7.659	88	19490	885.745	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	337218	242.224	ug/l	99
52) Toluene	8.720	92	116375	50.184	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	68802	49.712	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	74365	49.569	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	48713	52.852	ug/l	97
56) Ethyl methacrylate	9.116	69	73558	49.179	ug/l	96
57) 1,3-Dichloropropane	9.311	76	79280	51.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	173140	248.808	ug/l	95
59) 2-Hexanone	9.433	43	266095	242.444	ug/l	97
60) Dibromochloromethane	9.525	129	52870	49.839	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50985	51.074	ug/l	98
64) Tetrachloroethene	9.275	164	52696	51.403	ug/l	92
65) Chlorobenzene	10.079	112	130835	51.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49356	50.801	ug/l	99
67) Ethyl Benzene	10.195	91	225304	51.462	ug/l	95
68) m/p-Xylenes	10.305	106	181073	101.257	ug/l	93
69) o-Xylene	10.640	106	89330	51.039	ug/l	92
70) Styrene	10.659	104	149563	51.726	ug/l	97
71) Bromoform	10.799	173	39459	46.780	ug/l #	100
73) Isopropylbenzene	10.963	105	231609	51.031	ug/l	98
74) N-amyl acetate	10.841	43	93138	47.444	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	72849	49.623	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	57168m	43.837	ug/l	
77) Bromobenzene	11.201	156	59652	51.107	ug/l	93
78) n-propylbenzene	11.305	91	268210	52.647	ug/l	98
79) 2-Chlorotoluene	11.366	91	157440	50.762	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	196026	51.383	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22326	43.128	ug/l	94
82) 4-Chlorotoluene	11.457	91	182203	51.463	ug/l	96
83) tert-Butylbenzene	11.719	119	198961	51.317	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	196335	52.070	ug/l	97
85) sec-Butylbenzene	11.890	105	252093	53.483	ug/l	98
86) p-Isopropyltoluene	12.012	119	214109	52.869	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112842	51.935	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112817	51.243	ug/l	98
89) n-Butylbenzene	12.335	91	180616	52.913	ug/l	97
90) Hexachloroethane	12.542	117	35201	47.167	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108589	51.282	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14782	48.205	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	70320	56.422	ug/l	98
94) Hexachlorobutadiene	13.725	225	31091	51.955	ug/l	97
95) Naphthalene	13.780	128	223872	52.116	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70257	57.624	ug/l	98

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

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