

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025510.D
 Acq On : 04 Dec 2021 02:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 09:55:53 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	75581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45380	56.962	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.920%			
35) Dibromofluoromethane	5.391	113	40378	54.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	8.653	98	146631	52.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.240%			
62) 4-Bromofluorobenzene	11.079	95	56133	53.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36972	56.431	ug/l	99
3) Chloromethane	1.294	50	38139	47.014	ug/l	99
4) Vinyl Chloride	1.374	62	41632	46.743	ug/l	98
5) Bromomethane	1.599	94	21889	57.164	ug/l	99
6) Chloroethane	1.679	64	28116	45.751	ug/l	100
7) Trichlorofluoromethane	1.886	101	67609	51.143	ug/l	97
8) Diethyl Ether	2.136	74	27446	50.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	39213	55.750	ug/l	100
10) Methyl Iodide	2.453	142	43701	49.690	ug/l	94
11) Tert butyl alcohol	2.971	59	50351	255.705	ug/l	97
12) 1,1-Dichloroethene	2.319	96	37371	53.348	ug/l	91
13) Acrolein	2.239	56	9667	264.868	ug/l	97
14) Allyl chloride	2.666	41	62210	49.069	ug/l	96
15) Acrylonitrile	3.068	53	117000	273.674	ug/l	98
16) Acetone	2.380	43	96265	217.459	ug/l	96
17) Carbon Disulfide	2.514	76	81810	41.515	ug/l	97
18) Methyl Acetate	2.703	43	74459	52.644	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	135144	55.368	ug/l	99
20) Methylene Chloride	2.788	84	43296	52.029	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	40235	52.429	ug/l	90
22) Diisopropyl ether	3.763	45	132819	55.011	ug/l	99
23) Vinyl Acetate	3.727	43	519897	268.072	ug/l	97
24) 1,1-Dichloroethane	3.611	63	73722	55.882	ug/l	96
25) 2-Butanone	4.562	43	158852	248.198	ug/l	96
26) 2,2-Dichloropropane	4.477	77	51354	42.937	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	49016	54.695	ug/l	89
28) Bromochloromethane	4.904	49	33704	54.789	ug/l	91
29) Tetrahydrofuran	5.007	42	104456	263.587	ug/l	97
30) Chloroform	5.099	83	78212	56.968	ug/l	100
31) Cyclohexane	5.471	56	62435	50.714	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	69478	55.275	ug/l	98
36) 1,1-Dichloropropene	5.696	75	55128	52.306	ug/l	97
37) Ethyl Acetate	4.721	43	62492	52.114	ug/l	99
38) Carbon Tetrachloride	5.684	117	61065	52.604	ug/l	98
39) Methylcyclohexane	7.385	83	67215	49.719	ug/l	94
40) Benzene	6.044	78	167006	52.308	ug/l	97

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41) Methacrylonitrile	4.922	41	34234	51.436	ug/l	97
42) 1,2-Dichloroethane	6.086	62	59259	57.042	ug/l	94
43) Isopropyl Acetate	6.342	43	102436	51.330	ug/l	98
44) Trichloroethene	7.129	130	48967	52.795	ug/l	93
45) 1,2-Dichloropropane	7.434	63	42614	54.343	ug/l	97
46) Dibromomethane	7.580	93	30761	54.037	ug/l	93
47) Bromodichloromethane	7.824	83	60318	53.919	ug/l	98
48) Methyl methacrylate	7.696	41	47634	50.859	ug/l	95
49) 1,4-Dioxane	7.659	88	19955	1008.930	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	331067	264.566	ug/l	99
52) Toluene	8.720	92	111303	53.397	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	60536	48.661	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	66725	49.481	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	46904	56.616	ug/l	98
56) Ethyl methacrylate	9.116	69	71138	52.914	ug/l	96
57) 1,3-Dichloropropane	9.311	76	75337	54.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	170744	272.976	ug/l	95
59) 2-Hexanone	9.433	43	251008	254.434	ug/l	97
60) Dibromochloromethane	9.525	129	49116	51.510	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48357	53.893	ug/l	97
64) Tetrachloroethene	9.275	164	48476	52.238	ug/l	96
65) Chlorobenzene	10.079	112	124032	54.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46875	53.300	ug/l	99
67) Ethyl Benzene	10.195	91	215219	54.306	ug/l	97
68) m/p-Xylenes	10.305	106	167367	103.394	ug/l	95
69) o-Xylene	10.646	106	84798	53.523	ug/l	91
70) Styrene	10.659	104	141138	53.924	ug/l	97
71) Bromoform	10.799	173	36953	48.397	ug/l #	99
73) Isopropylbenzene	10.963	105	218025	54.261	ug/l	97
74) N-amyl acetate	10.841	43	88140	50.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	70681	54.383	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62267m	53.933	ug/l	
77) Bromobenzene	11.201	156	56556	54.731	ug/l	94
78) n-propylbenzene	11.305	91	249727	55.369	ug/l	98
79) 2-Chlorotoluene	11.366	91	149238	54.351	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	181620	53.774	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	18445	40.247	ug/l	99
82) 4-Chlorotoluene	11.457	91	170023	54.244	ug/l	97
83) tert-Butylbenzene	11.719	119	184615	53.786	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	182519	54.677	ug/l	95
85) sec-Butylbenzene	11.890	105	233299	55.908	ug/l	98
86) p-Isopropyltoluene	12.012	119	194653	54.291	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104579	54.367	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	103584	53.144	ug/l	98
89) n-Butylbenzene	12.335	91	160453	53.095	ug/l	97
90) Hexachloroethane	12.542	117	31153	47.151	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	102662	54.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14355	52.877	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	64492	58.450	ug/l	99
94) Hexachlorobutadiene	13.725	225	27098	51.148	ug/l	98
95) Naphthalene	13.774	128	213187	56.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64527	59.781	ug/l	98

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

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