

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025499.D
 Acq On : 03 Dec 2021 22:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 09:50:25 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	81231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44308	51.748	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.391	113	39317	49.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.653	98	144600	48.843	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.085	95	54814	48.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36272	51.512	ug/l	98
3) Chloromethane	1.294	50	37333	42.820	ug/l	99
4) Vinyl Chloride	1.373	62	42412	44.307	ug/l	99
5) Bromomethane	1.599	94	22203	53.951	ug/l	99
6) Chloroethane	1.678	64	28963	43.852	ug/l	100
7) Trichlorofluoromethane	1.885	101	67913	47.800	ug/l	98
8) Diethyl Ether	2.135	74	27352	46.648	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	39275	51.954	ug/l	98
10) Methyl Iodide	2.452	142	44026	46.578	ug/l	95
11) Tert butyl alcohol	2.971	59	49562	233.411	ug/l	98
12) 1,1-Dichloroethene	2.318	96	36433	48.392	ug/l	93
13) Acrolein	2.239	56	9790	249.581	ug/l	99
14) Allyl chloride	2.666	41	61637	45.236	ug/l	97
15) Acrylonitrile	3.068	53	117537	255.807	ug/l	98
16) Acetone	2.379	43	99994	210.171	ug/l	98
17) Carbon Disulfide	2.513	76	82457	38.933	ug/l	97
18) Methyl Acetate	2.708	43	73858	48.587	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	134737	51.362	ug/l	98
20) Methylene Chloride	2.788	84	43567	48.713	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	40416	49.002	ug/l	88
22) Diisopropyl ether	3.763	45	132707	51.142	ug/l	97
23) Vinyl Acetate	3.727	43	521888	250.382	ug/l	96
24) 1,1-Dichloroethane	3.611	63	73364	51.742	ug/l	96
25) 2-Butanone	4.562	43	161759	235.161	ug/l	100
26) 2,2-Dichloropropane	4.476	77	57058	44.388	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	49734	51.636	ug/l	89
28) Bromochloromethane	4.903	49	33840	51.184	ug/l	93
29) Tetrahydrofuran	5.007	42	104354	245.014	ug/l	97
30) Chloroform	5.098	83	79332	53.764	ug/l	99
31) Cyclohexane	5.470	56	61743	46.664	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	68797	50.926	ug/l	98
36) 1,1-Dichloropropene	5.696	75	55065	49.180	ug/l	98
37) Ethyl Acetate	4.714	43	61518	48.292	ug/l	99
38) Carbon Tetrachloride	5.677	117	60925	49.404	ug/l	99
39) Methylcyclohexane	7.384	83	66383	46.222	ug/l	96
40) Benzene	6.043	78	167857	49.490	ug/l	98

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41) Methacrylonitrile	4.921	41	33953	48.021	ug/l	97
42) 1,2-Dichloroethane	6.092	62	59746	54.137	ug/l	93
43) Isopropyl Acetate	6.342	43	102118	48.168	ug/l	98
44) Trichloroethene	7.128	130	49384	50.121	ug/l	93
45) 1,2-Dichloropropane	7.433	63	42577	51.110	ug/l	99
46) Dibromomethane	7.586	93	31501	52.090	ug/l	95
47) Bromodichloromethane	7.823	83	59550	50.109	ug/l	98
48) Methyl methacrylate	7.695	41	47638	47.879	ug/l	94
49) 1,4-Dioxane	7.659	88	20102	956.726	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	331157	249.110	ug/l	99
52) Toluene	8.720	92	110623	49.957	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	62313	47.151	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	68391	47.741	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	46738	53.105	ug/l	98
56) Ethyl methacrylate	9.116	69	71236	49.877	ug/l	96
57) 1,3-Dichloropropane	9.311	76	75339	51.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	172034	258.901	ug/l	95
59) 2-Hexanone	9.433	43	248523	237.133	ug/l	97
60) Dibromochloromethane	9.524	129	49276	48.646	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48872	51.271	ug/l	98
64) Tetrachloroethene	9.274	164	48582	48.840	ug/l	95
65) Chlorobenzene	10.079	112	124707	50.731	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	46025	48.823	ug/l	99
67) Ethyl Benzene	10.195	91	213024	50.146	ug/l	97
68) m/p-Xylenes	10.305	106	168969	97.380	ug/l	93
69) o-Xylene	10.646	106	84572	49.799	ug/l	92
70) Styrene	10.658	104	140948	50.238	ug/l	96
71) Bromoform	10.805	173	35988	43.971	ug/l #	99
73) Isopropylbenzene	10.963	105	218631	50.937	ug/l	97
74) N-amyl acetate	10.847	43	87780	47.283	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	68801	49.556	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	61239m	49.655	ug/l	
77) Bromobenzene	11.201	156	55687	50.449	ug/l	94
78) n-propylbenzene	11.304	91	246721	51.209	ug/l	97
79) 2-Chlorotoluene	11.365	91	147207	50.187	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	181700	50.362	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	19133	39.082	ug/l	97
82) 4-Chlorotoluene	11.457	91	168195	50.234	ug/l	96
83) tert-Butylbenzene	11.719	119	183682	50.096	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	182006	51.041	ug/l	96
85) sec-Butylbenzene	11.890	105	229427	51.469	ug/l	98
86) p-Isopropyltoluene	12.012	119	193018	50.397	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	103937	50.583	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	103354	49.640	ug/l	97
89) n-Butylbenzene	12.335	91	159500	49.409	ug/l	96
90) Hexachloroethane	12.542	117	30697	43.494	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	100060	49.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	14184	48.911	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	64241	54.504	ug/l	99
94) Hexachlorobutadiene	13.725	225	27626	48.815	ug/l	99
95) Naphthalene	13.780	128	213967	52.674	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64273	55.743	ug/l	99

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

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