

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025385.D
 Acq On : 29 Nov 2021 21:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 11/30/2021

Quant Time: Nov 30 04:05:56 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	94122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53168	53.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.180%			
35) Dibromofluoromethane	5.385	113	48146	52.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	8.653	98	177117	51.518	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.079	95	67501	51.899	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46411	56.884	ug/l	100
3) Chloromethane	1.294	50	48219	47.731	ug/l	99
4) Vinyl Chloride	1.374	62	54391	49.039	ug/l	100
5) Bromomethane	1.599	94	24288	50.934	ug/l	98
6) Chloroethane	1.679	64	35269	46.086	ug/l	98
7) Trichlorofluoromethane	1.886	101	82962	50.395	ug/l	99
8) Diethyl Ether	2.136	74	33927	49.937	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	46495	53.081	ug/l	97
10) Methyl Iodide	2.453	142	63301	57.798	ug/l	92
11) Tert butyl alcohol	2.965	59	54604	221.480	ug/l	99
12) 1,1-Dichloroethene	2.319	96	45401	52.044	ug/l	87
13) Acrolein	2.239	56	16180	355.990	ug/l	98
14) Allyl chloride	2.666	41	75649	47.915	ug/l	96
15) Acrylonitrile	3.062	53	135558	254.621	ug/l	99
16) Acetone	2.380	43	112944	204.877	ug/l	97
17) Carbon Disulfide	2.514	76	107965	43.995	ug/l	99
18) Methyl Acetate	2.703	43	88963	50.509	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	159810	52.576	ug/l	99
20) Methylene Chloride	2.788	84	51535	49.730	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48802	51.066	ug/l	90
22) Diisopropyl ether	3.764	45	156972	52.208	ug/l	99
23) Vinyl Acetate	3.721	43	627463	259.803	ug/l	97
24) 1,1-Dichloroethane	3.611	63	86586	52.704	ug/l	97
25) 2-Butanone	4.556	43	189336	237.553	ug/l	99
26) 2,2-Dichloropropane	4.477	77	72199	48.474	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	58642	52.546	ug/l	90
28) Bromochloromethane	4.904	49	40050	52.280	ug/l	91
29) Tetrahydrofuran	5.007	42	122053	247.321	ug/l	97
30) Chloroform	5.099	83	91390	53.453	ug/l	98
31) Cyclohexane	5.477	56	76453	49.867	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	82913	52.969	ug/l	98
36) 1,1-Dichloropropene	5.696	75	64838	49.867	ug/l	96
37) Ethyl Acetate	4.715	43	73644	49.782	ug/l	99
38) Carbon Tetrachloride	5.678	117	73924	51.620	ug/l	99
39) Methylcyclohexane	7.385	83	81527	48.883	ug/l	94
40) Benzene	6.044	78	200875	51.000	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40423	49.232	ug/l	97
42) 1,2-Dichloroethane	6.092	62	68452	53.411	ug/l	94
43) Isopropyl Acetate	6.342	43	122551	49.778	ug/l	98
44) Trichloroethene	7.129	130	58478	51.108	ug/l	92
45) 1,2-Dichloropropane	7.434	63	49903	51.585	ug/l	98
46) Dibromomethane	7.586	93	36757	52.341	ug/l	93
47) Bromodichloromethane	7.824	83	70099	50.794	ug/l	98
48) Methyl methacrylate	7.696	41	56393	48.807	ug/l	95
49) 1,4-Dioxane	7.659	88	22497	922.013	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	383628	248.503	ug/l	98
52) Toluene	8.720	92	131514	51.143	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	77390	50.426	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83122	49.966	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	54821	53.639	ug/l	97
56) Ethyl methacrylate	9.116	69	85151	51.340	ug/l	95
57) 1,3-Dichloropropane	9.311	76	88305	52.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	210615	272.943	ug/l	94
59) 2-Hexanone	9.433	43	293322	241.010	ug/l	97
60) Dibromochloromethane	9.525	129	58391	49.639	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57947	52.349	ug/l	98
64) Tetrachloroethene	9.275	164	58016	51.075	ug/l	95
65) Chlorobenzene	10.079	112	146071	52.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55628	51.675	ug/l	99
67) Ethyl Benzene	10.195	91	252111	51.971	ug/l	97
68) m/p-Xylenes	10.305	106	200545	101.212	ug/l	93
69) o-Xylene	10.646	106	99887	51.506	ug/l	91
70) Styrene	10.659	104	163807	51.129	ug/l	98
71) Bromoform	10.799	173	44822	47.958	ug/l #	100
73) Isopropylbenzene	10.963	105	256163	51.728	ug/l	98
74) N-amyl acetate	10.842	43	109221	50.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	81121	50.643	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	74128m	52.096	ug/l	
77) Bromobenzene	11.201	156	65810	51.674	ug/l	93
78) n-propylbenzene	11.305	91	292375	52.598	ug/l	98
79) 2-Chlorotoluene	11.366	91	173025	51.128	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	214196	51.457	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	26691	47.255	ug/l	90
82) 4-Chlorotoluene	11.457	91	195694	50.658	ug/l	95
83) tert-Butylbenzene	11.719	119	214293	50.656	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	213738	51.952	ug/l	97
85) sec-Butylbenzene	11.890	105	268471	52.202	ug/l	97
86) p-Isopropyltoluene	12.012	119	226883	51.345	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120567	50.857	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	120269	50.066	ug/l	98
89) n-Butylbenzene	12.335	91	187488	50.339	ug/l	96
90) Hexachloroethane	12.542	117	37859	46.493	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	117220	50.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17595	52.587	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	76328	56.129	ug/l	99
94) Hexachlorobutadiene	13.725	225	31993	48.998	ug/l	96
95) Naphthalene	13.780	128	258917	55.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76781	57.717	ug/l	98

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

