

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027160.D
 Acq On : 24 Feb 2022 10:45
 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 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	79159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43332	45.579	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.160%		
35) Dibromofluoromethane	5.385	113	36657	47.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	8.647	98	136587	47.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.140%		
62) 4-Bromofluorobenzene	11.079	95	52625	47.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	37552	47.724	ug/l	100
3) Chloromethane	1.295	50	36263	49.301	ug/l	100
4) Vinyl Chloride	1.380	62	34100	46.544	ug/l	98
5) Bromomethane	1.599	94	16981	53.144	ug/l	98
6) Chloroethane	1.685	64	20724	46.064	ug/l	100
7) Trichlorofluoromethane	1.886	101	54783	48.077	ug/l	99
8) Diethyl Ether	2.136	74	19505	49.178	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	39661	49.963	ug/l	97
10) Methyl Iodide	2.453	142	54036	50.694	ug/l	96
11) Tert butyl alcohol	2.965	59	44057	238.178	ug/l	96
12) 1,1-Dichloroethene	2.319	96	36981	47.987	ug/l	91
13) Acrolein	2.239	56	41381	242.033	ug/l	98
14) Allyl chloride	2.666	41	67426	49.693	ug/l	94
15) Acrylonitrile	3.069	53	120093	253.013	ug/l	99
16) Acetone	2.380	43	112982	270.670	ug/l	95
17) Carbon Disulfide	2.514	76	96836	48.325	ug/l	99
18) Methyl Acetate	2.703	43	53949	50.073	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	132060	49.941	ug/l	100
20) Methylene Chloride	2.794	84	42557	49.189	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	40671	49.488	ug/l	96
22) Diisopropyl ether	3.764	45	131451	49.696	ug/l	99
23) Vinyl Acetate	3.727	43	577118	258.372	ug/l	97
24) 1,1-Dichloroethane	3.611	63	72734	48.641	ug/l	99
25) 2-Butanone	4.556	43	173089	260.382	ug/l	97
26) 2,2-Dichloropropane	4.477	77	56258	51.862	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	47155	49.475	ug/l	96
28) Bromochloromethane	4.904	49	29354	48.524	ug/l	93
29) Tetrahydrofuran	5.007	42	108680	244.275	ug/l	96
30) Chloroform	5.099	83	75619	48.689	ug/l	97
31) Cyclohexane	5.471	56	68065	47.804	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	66535	49.487	ug/l	99
36) 1,1-Dichloropropene	5.696	75	56474	49.858	ug/l	97
37) Ethyl Acetate	4.715	43	63198	50.817	ug/l	98
38) Carbon Tetrachloride	5.678	117	59831	50.646	ug/l	97
39) Methylcyclohexane	7.385	83	71614	50.826	ug/l	93
40) Benzene	6.038	78	165872	50.076	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35043	51.366	ug/l	95
42) 1,2-Dichloroethane	6.086	62	60261	51.282	ug/l	97
43) Isopropyl Acetate	6.342	43	100117	52.331	ug/l	97
44) Trichloroethene	7.129	130	49926	50.386	ug/l	91
45) 1,2-Dichloropropane	7.434	63	41786	51.630	ug/l	99
46) Dibromomethane	7.580	93	30292	52.110	ug/l	95
47) Bromodichloromethane	7.824	83	58300	51.383	ug/l	99
48) Methyl methacrylate	7.696	41	49156	53.082	ug/l	95
49) 1,4-Dioxane	7.659	88	21247	1014.902	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	322558	259.402	ug/l	97
52) Toluene	8.720	92	106716	50.314	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	61932	48.342	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68663	54.213	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	43425	51.691	ug/l	98
56) Ethyl methacrylate	9.116	69	68966	52.729	ug/l	94
57) 1,3-Dichloropropane	9.305	76	72691	52.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	165755	262.917	ug/l	96
59) 2-Hexanone	9.433	43	249887	262.934	ug/l	96
60) Dibromochloromethane	9.525	129	47140	54.091	ug/l	100
61) 1,2-Dibromoethane	9.610	107	46211	51.652	ug/l	99
64) Tetrachloroethene	9.275	164	52374	50.778	ug/l	93
65) Chlorobenzene	10.080	112	117078	50.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43583	51.716	ug/l	99
67) Ethyl Benzene	10.195	91	206846	50.703	ug/l	99
68) m/p-Xylenes	10.305	106	162958	103.905	ug/l	96
69) o-Xylene	10.640	106	79025	50.205	ug/l	96
70) Styrene	10.659	104	134188	52.099	ug/l	97
71) Bromoform	10.799	173	34386	47.470	ug/l #	100
73) Isopropylbenzene	10.964	105	208773	52.199	ug/l	99
74) N-amyl acetate	10.842	43	82846	54.440	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	60440	51.163	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60593m	53.820	ug/l	
77) Bromobenzene	11.201	156	51296	51.419	ug/l	92
78) n-propylbenzene	11.305	91	239040	52.585	ug/l	98
79) 2-Chlorotoluene	11.366	91	143880	51.651	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	176672	52.532	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18304	47.795	ug/l	90
82) 4-Chlorotoluene	11.457	91	165305	51.946	ug/l	97
83) tert-Butylbenzene	11.713	119	169872	51.946	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	176873	52.873	ug/l	97
85) sec-Butylbenzene	11.890	105	217982	53.161	ug/l	99
86) p-Isopropyltoluene	12.012	119	187876	53.746	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96617	51.469	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	96269	50.157	ug/l	98
89) n-Butylbenzene	12.335	91	156608	53.602	ug/l	99
90) Hexachloroethane	12.543	117	29070	53.687	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	94237	51.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14922	54.408	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	62010	53.651	ug/l	98
94) Hexachlorobutadiene	13.725	225	25114	52.337	ug/l	99
95) Naphthalene	13.774	128	211690	53.899	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61137	52.771	ug/l	99

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

