

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029016.D
 Acq On : 27 May 2022 09:55
 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 06/01/2022
 Supervised By : Mahesh Dadoda 06/02/2022

Quant Time: Jun 01 16:22:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	259249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	416278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160556	45.180	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.360%			
35) Dibromofluoromethane	5.379	113	136604	50.086	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.180%			
50) Toluene-d8	8.647	98	487841	47.443	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.079	95	203157	52.896	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	160568	47.301	ug/l	100
3) Chloromethane	1.288	50	136262	42.623	ug/l	98
4) Vinyl Chloride	1.374	62	151185	43.883	ug/l	99
5) Bromomethane	1.599	94	123525	50.791	ug/l	98
6) Chloroethane	1.679	64	103453	47.562	ug/l	99
7) Trichlorofluoromethane	1.880	101	248253	45.196	ug/l	99
8) Diethyl Ether	2.130	74	92947	46.440	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	144868	50.119	ug/l	98
10) Methyl Iodide	2.453	142	156509	45.227	ug/l	96
11) Tert butyl alcohol	2.971	59	195200	259.118	ug/l	97
12) 1,1-Dichloroethene	2.319	96	129548	48.283	ug/l	96
13) Acrolein	2.233	56	58697	100.629	ug/l	96
14) Allyl chloride	2.660	41	213592	49.634	ug/l	96
15) Acrylonitrile	3.062	53	427468	249.662	ug/l	99
16) Acetone	2.380	43	430179	282.054	ug/l	96
17) Carbon Disulfide	2.508	76	265255	38.137	ug/l	99
18) Methyl Acetate	2.703	43	195094	51.072	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	511720	53.744	ug/l	99
20) Methylene Chloride	2.788	84	156832	49.014	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	144746	47.894	ug/l	98
22) Diisopropyl ether	3.757	45	471787	51.302	ug/l	91
23) Vinyl Acetate	3.721	43	1988881	250.873	ug/l	98
24) 1,1-Dichloroethane	3.605	63	274717	51.385	ug/l	99
25) 2-Butanone	4.550	43	613597	256.305	ug/l	97
26) 2,2-Dichloropropane	4.477	77	233249	55.644	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	181746	51.489	ug/l	97
28) Bromochloromethane	4.898	49	104909	46.619	ug/l	98
29) Tetrahydrofuran	5.001	42	366173	235.309	ug/l	95
30) Chloroform	5.093	83	304364	52.603	ug/l	99
31) Cyclohexane	5.471	56	222346	45.076	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	266276	52.715	ug/l	99
36) 1,1-Dichloropropene	5.690	75	206687	50.455	ug/l	99
37) Ethyl Acetate	4.709	43	222211	51.934	ug/l	99
38) Carbon Tetrachloride	5.678	117	230376	55.881	ug/l	98
39) Methylcyclohexane	7.379	83	248383	52.871	ug/l	95
40) Benzene	6.038	78	616293	52.347	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	124516	54.275	ug/l	94
42) 1,2-Dichloroethane	6.086	62	230831	53.154	ug/l	100
43) Isopropyl Acetate	6.336	43	350750	52.399	ug/l	98
44) Trichloroethene	7.123	130	173017	54.187	ug/l	96
45) 1,2-Dichloropropane	7.428	63	161009	54.814	ug/l	98
46) Dibromomethane	7.580	93	116150	52.949	ug/l	96
47) Bromodichloromethane	7.824	83	236139	57.982	ug/l	100
48) Methyl methacrylate	7.690	41	174260	53.890	ug/l	93
49) 1,4-Dioxane	7.659	88	79152	979.826	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1162993	263.767	ug/l	97
52) Toluene	8.720	92	413184	54.557	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	246857	52.569	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	268128	58.510	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	175673	56.885	ug/l	99
56) Ethyl methacrylate	9.116	69	272241	58.213	ug/l	93
57) 1,3-Dichloropropane	9.311	76	288953	55.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	560287	244.708	ug/l	96
59) 2-Hexanone	9.433	43	942746	275.206	ug/l	94
60) Dibromochloromethane	9.519	129	187658	62.307	ug/l	96
61) 1,2-Dibromoethane	9.610	107	183371	56.533	ug/l	99
64) Tetrachloroethene	9.275	164	162747	56.118	ug/l	98
65) Chlorobenzene	10.079	112	460679	56.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	177702	61.574	ug/l	99
67) Ethyl Benzene	10.195	91	811885	55.598	ug/l	98
68) m/p-Xylenes	10.305	106	638895	112.378	ug/l	100
69) o-Xylene	10.640	106	318351	56.875	ug/l	100
70) Styrene	10.659	104	544728	59.927	ug/l	98
71) Bromoform	10.799	173	139398	57.980	ug/l #	100
73) Isopropylbenzene	10.963	105	844638	52.696	ug/l	99
74) N-amyl acetate	10.842	43	326487	51.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	288497	52.465	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	263950m	53.325	ug/l	
77) Bromobenzene	11.201	156	207813	54.795	ug/l	98
78) n-propylbenzene	11.305	91	975511	52.615	ug/l	99
79) 2-Chlorotoluene	11.366	91	598441	52.662	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	730924	54.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83857	50.498	ug/l	90
82) 4-Chlorotoluene	11.457	91	696502	53.018	ug/l	100
83) tert-Butylbenzene	11.713	119	735969	56.914	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	738088	55.110	ug/l	100
85) sec-Butylbenzene	11.890	105	913387	57.263	ug/l	100
86) p-Isopropyltoluene	12.012	119	786701	58.776	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	410624	55.200	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	413962	53.651	ug/l	98
89) n-Butylbenzene	12.335	91	673664	58.089	ug/l	99
90) Hexachloroethane	12.542	117	127410	58.864	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	410180	56.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62171	52.951	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	256799	60.843	ug/l	99
94) Hexachlorobutadiene	13.725	225	110634	64.522	ug/l	94
95) Naphthalene	13.774	128	873202	58.139	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	257143	60.660	ug/l	95

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

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