

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061022\
 Data File : VX029362.D
 Acq On : 10 Jun 2022 10:24
 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 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 00:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	218748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145169	43.364	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.720%		
35) Dibromofluoromethane	5.385	113	126251	42.112	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	84.220%		
50) Toluene-d8	8.653	98	436750	41.191	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	82.380%		
62) 4-Bromofluorobenzene	11.079	95	184987	44.582	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	159170	45.837	ug/l	100
3) Chloromethane	1.295	50	154401	41.661	ug/l	99
4) Vinyl Chloride	1.374	62	169695	44.119	ug/l	99
5) Bromomethane	1.612	94	91934	44.625	ug/l	95
6) Chloroethane	1.685	64	90863	55.956	ug/l	93
7) Trichlorofluoromethane	1.886	101	256357	45.736	ug/l	97
8) Diethyl Ether	2.136	74	101501	46.460	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	155871	46.138	ug/l	97
10) Methyl Iodide	2.453	142	180968	43.571	ug/l	96
11) Tert butyl alcohol	2.983	59	170087	176.808	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	146196	44.459	ug/l	99
13) Acrolein	2.239	56	76852	190.245	ug/l	97
14) Allyl chloride	2.666	41	237846	45.059	ug/l	97
15) Acrylonitrile	3.069	53	435727	209.363	ug/l	99
16) Acetone	2.386	43	430939	243.524	ug/l	96
17) Carbon Disulfide	2.514	76	351365	43.410	ug/l	100
18) Methyl Acetate	2.703	43	194011	41.382	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	518236	45.654	ug/l	100
20) Methylene Chloride	2.788	84	166628	42.164	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	163156	44.207	ug/l	97
22) Diisopropyl ether	3.764	45	495848	46.536	ug/l	98
23) Vinyl Acetate	3.721	43	2088881	236.477	ug/l	97
24) 1,1-Dichloroethane	3.611	63	286918	44.645	ug/l	99
25) 2-Butanone	4.556	43	623916	222.885	ug/l	97
26) 2,2-Dichloropropane	4.477	77	234850	51.258	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	192482	44.090	ug/l	97
28) Bromochloromethane	4.898	49	114531	45.334	ug/l	97
29) Tetrahydrofuran	5.001	42	390155	213.861	ug/l	94
30) Chloroform	5.093	83	315117	45.439	ug/l	97
31) Cyclohexane	5.471	56	266200	44.890	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	277612	46.463	ug/l	99
36) 1,1-Dichloropropene	5.696	75	231304	46.705	ug/l	100
37) Ethyl Acetate	4.715	43	231437	45.272	ug/l	99
38) Carbon Tetrachloride	5.678	117	242243	47.857	ug/l	99
39) Methylcyclohexane	7.379	83	293709	48.149	ug/l	94
40) Benzene	6.038	78	675011	45.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	125581	45.967	ug/l	95
42) 1,2-Dichloroethane	6.086	62	241155	47.089	ug/l	99
43) Isopropyl Acetate	6.336	43	362927	47.256	ug/l	97
44) Trichloroethene	7.123	130	185019	46.093	ug/l	91
45) 1,2-Dichloropropane	7.428	63	165688	45.711	ug/l	97
46) Dibromomethane	7.580	93	123607	47.073	ug/l	94
47) Bromodichloromethane	7.824	83	243568	49.145	ug/l	99
48) Methyl methacrylate	7.696	41	179090	46.363	ug/l	93
49) 1,4-Dioxane	7.684	88	77856	783.564	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1165099	231.803	ug/l	97
52) Toluene	8.720	92	440634	46.558	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	262071	48.668	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	281195	50.538	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	177808	46.445	ug/l	99
56) Ethyl methacrylate	9.116	69	274326	49.254	ug/l	92
57) 1,3-Dichloropropane	9.311	76	295094	45.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	605705	223.858	ug/l	98
59) 2-Hexanone	9.433	43	900497	235.640	ug/l	95
60) Dibromochloromethane	9.525	129	189727	51.226	ug/l	97
61) 1,2-Dibromoethane	9.610	107	189312	46.362	ug/l	99
64) Tetrachloroethene	9.275	164	170912	49.041	ug/l	96
65) Chlorobenzene	10.080	112	468237	46.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	176970	50.188	ug/l	99
67) Ethyl Benzene	10.195	91	861688	48.400	ug/l	98
68) m/p-Xylenes	10.305	106	675981	98.138	ug/l	99
69) o-Xylene	10.640	106	330804	49.423	ug/l	99
70) Styrene	10.659	104	558822	50.025	ug/l	97
71) Bromoform	10.799	173	134236	53.603	ug/l	100
73) Isopropylbenzene	10.964	105	872199	47.964	ug/l	98
74) N-amyl acetate	10.842	43	301427	48.964	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	270820	44.128	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	252163m	46.739	ug/l	
77) Bromobenzene	11.201	156	198697	46.535	ug/l	95
78) n-propylbenzene	11.305	91	1012559	49.071	ug/l	100
79) 2-Chlorotoluene	11.366	91	612878	48.230	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	747912	48.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82025	47.401	ug/l	92
82) 4-Chlorotoluene	11.457	91	706725	48.183	ug/l	99
83) tert-Butylbenzene	11.713	119	725373	48.416	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	750915	49.271	ug/l	97
85) sec-Butylbenzene	11.890	105	916456	49.814	ug/l	99
86) p-Isopropyltoluene	12.012	119	774793	50.235	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	389007	47.738	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	385097	46.466	ug/l	97
89) n-Butylbenzene	12.335	91	678803	52.202	ug/l	99
90) Hexachloroethane	12.543	117	126437	51.564	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	373660	46.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60379	47.304	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	233621	48.987	ug/l	98
94) Hexachlorobutadiene	13.725	225	94719	47.774	ug/l	94
95) Naphthalene	13.780	128	822340	48.857	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227628	47.868	ug/l	96

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

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