

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030032.D
 Acq On : 13 Jul 2022 09:50
 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 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

Quant Time: Jul 14 04:53:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113716	43.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.480%		
35) Dibromofluoromethane	5.385	113	105487	45.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.900%		
50) Toluene-d8	8.647	98	403487	46.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.460%		
62) 4-Bromofluorobenzene	11.079	95	143599	47.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129619	52.871	ug/l	99
3) Chloromethane	1.288	50	119287	52.979	ug/l	100
4) Vinyl Chloride	1.374	62	131367	52.528	ug/l	97
5) Bromomethane	1.611	94	56362	53.053	ug/l	98
6) Chloroethane	1.685	64	70504	50.062	ug/l	98
7) Trichlorofluoromethane	1.886	101	168579	52.195	ug/l	98
8) Diethyl Ether	2.136	74	65328	48.892	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	114790	52.061	ug/l	98
10) Methyl Iodide	2.453	142	97229	45.159	ug/l	99
11) Tert butyl alcohol	2.983	59	148044	218.104	ug/l	99
12) 1,1-Dichloroethene	2.319	96	114322	51.930	ug/l	95
13) Acrolein	2.239	56	26944	199.307	ug/l	99
14) Allyl chloride	2.666	41	196920	51.186	ug/l	98
15) Acrylonitrile	3.068	53	383279	248.454	ug/l	100
16) Acetone	2.386	43	298424	240.805	ug/l	98
17) Carbon Disulfide	2.508	76	314059	50.988	ug/l	97
18) Methyl Acetate	2.709	43	176981	46.943	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	356764	51.269	ug/l	95
20) Methylene Chloride	2.788	84	129112	51.591	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	121619	53.001	ug/l	97
22) Diisopropyl ether	3.763	45	383136	50.878	ug/l	90
23) Vinyl Acetate	3.721	43	1699190	266.542	ug/l	100
24) 1,1-Dichloroethane	3.611	63	206252	49.427	ug/l	99
25) 2-Butanone	4.562	43	528871	250.527	ug/l	100
26) 2,2-Dichloropropane	4.477	77	156787	53.487	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	140644	50.051	ug/l	98
28) Bromochloromethane	4.903	49	86546	49.299	ug/l	92
29) Tetrahydrofuran	5.007	42	354739	247.610	ug/l	99
30) Chloroform	5.092	83	209045	50.269	ug/l	100
31) Cyclohexane	5.470	56	201555	52.865	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	172156	50.652	ug/l	99
36) 1,1-Dichloropropene	5.690	75	156562	52.226	ug/l	99
37) Ethyl Acetate	4.714	43	196053	50.896	ug/l	99
38) Carbon Tetrachloride	5.678	117	148043	52.957	ug/l	97
39) Methylcyclohexane	7.379	83	212262	55.855	ug/l	96
40) Benzene	6.037	78	503736	53.388	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105368	50.802	ug/l	97
42) 1,2-Dichloroethane	6.086	62	152078	52.007	ug/l	100
43) Isopropyl Acetate	6.342	43	297025	51.278	ug/l	99
44) Trichloroethene	7.129	130	139132	50.462	ug/l	98
45) 1,2-Dichloropropane	7.433	63	127666	52.055	ug/l	100
46) Dibromomethane	7.580	93	86622	51.317	ug/l	96
47) Bromodichloromethane	7.824	83	160181	52.297	ug/l	98
48) Methyl methacrylate	7.696	41	144877	54.207	ug/l	99
49) 1,4-Dioxane	7.677	88	70305	1012.486	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	990701	258.464	ug/l	100
52) Toluene	8.720	92	310319	51.793	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	174303	54.786	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	197970	54.316	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	127451	51.583	ug/l	96
56) Ethyl methacrylate	9.116	69	201637	54.279	ug/l	99
57) 1,3-Dichloropropane	9.311	76	206617	52.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	541532	268.461	ug/l	99
59) 2-Hexanone	9.433	43	786732	267.651	ug/l	100
60) Dibromochloromethane	9.525	129	127040	52.777	ug/l	99
61) 1,2-Dibromoethane	9.610	107	134825	52.430	ug/l	98
64) Tetrachloroethene	9.275	164	134113	51.821	ug/l	99
65) Chlorobenzene	10.079	112	328446	51.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	113585	51.898	ug/l	98
67) Ethyl Benzene	10.195	91	588609	54.096	ug/l	99
68) m/p-Xylenes	10.305	106	460562	107.921	ug/l	99
69) o-Xylene	10.640	106	223204	52.235	ug/l	99
70) Styrene	10.659	104	374026	52.737	ug/l	100
71) Bromoform	10.799	173	91468	52.018	ug/l	99
73) Isopropylbenzene	10.963	105	572047	51.894	ug/l	99
74) N-amyl acetate	10.841	43	256374	52.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	196430	49.392	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	162363m	44.606	ug/l	
77) Bromobenzene	11.201	156	137624	49.899	ug/l	97
78) n-propylbenzene	11.305	91	700024	53.529	ug/l	100
79) 2-Chlorotoluene	11.366	91	400728	51.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	483001	52.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	66585	52.793	ug/l	99
82) 4-Chlorotoluene	11.457	91	456569	52.024	ug/l	100
83) tert-Butylbenzene	11.713	119	461748	51.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	486725	52.977	ug/l	100
85) sec-Butylbenzene	11.890	105	623467	52.944	ug/l	100
86) p-Isopropyltoluene	12.012	119	506886	53.654	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	264280	51.860	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	262828	50.258	ug/l	99
89) n-Butylbenzene	12.335	91	479809	56.685	ug/l	99
90) Hexachloroethane	12.542	117	86244	53.402	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	252279	48.728	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45017	49.574	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	164205	51.637	ug/l	99
94) Hexachlorobutadiene	13.725	225	64827	51.061	ug/l	98
95) Naphthalene	13.780	128	626793	49.657	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163998	50.685	ug/l	99

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

