

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030080.D
 Acq On : 15 Jul 2022 09:47
 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 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 05:59:52 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	194495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125067	52.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.660%			
35) Dibromofluoromethane	5.385	113	109332	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.653	98	419534	53.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.320%			
62) 4-Bromofluorobenzene	11.079	95	152799	55.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119675	54.257	ug/l	99
3) Chloromethane	1.288	50	106589	52.592	ug/l	98
4) Vinyl Chloride	1.374	62	118560	52.667	ug/l	96
5) Bromomethane	1.611	94	50834	53.158	ug/l	96
6) Chloroethane	1.685	64	61944	48.864	ug/l	94
7) Trichlorofluoromethane	1.886	101	156991	54.000	ug/l	98
8) Diethyl Ether	2.136	74	60830	50.577	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	107549	54.189	ug/l	98
10) Methyl Iodide	2.453	142	102690	52.570	ug/l	98
11) Tert butyl alcohol	2.983	59	131391	215.046	ug/l	98
12) 1,1-Dichloroethene	2.319	96	105609	53.294	ug/l	96
13) Acrolein	2.239	56	29177	239.771	ug/l	98
14) Allyl chloride	2.666	41	187885	54.256	ug/l	99
15) Acrylonitrile	3.068	53	368716	265.532	ug/l	100
16) Acetone	2.386	43	272540	244.318	ug/l	96
17) Carbon Disulfide	2.508	76	272510	49.138	ug/l	98
18) Methyl Acetate	2.709	43	174276	51.354	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	338109	53.979	ug/l	95
20) Methylene Chloride	2.788	84	121063	53.824	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	113653	55.024	ug/l	99
22) Diisopropyl ether	3.763	45	378453	55.832	ug/l	92
23) Vinyl Acetate	3.727	43	1654350	288.300	ug/l	100
24) 1,1-Dichloroethane	3.611	63	202593	53.936	ug/l	100
25) 2-Butanone	4.562	43	496219	261.139	ug/l	98
26) 2,2-Dichloropropane	4.477	77	147149	55.769	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	132094	52.224	ug/l	100
28) Bromochloromethane	4.897	49	86344	54.641	ug/l	98
29) Tetrahydrofuran	5.007	42	340291	263.879	ug/l	99
30) Chloroform	5.092	83	204677	54.679	ug/l	99
31) Cyclohexane	5.470	56	190180	55.416	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	168281	55.005	ug/l	99
36) 1,1-Dichloropropene	5.696	75	151720	55.972	ug/l	99
37) Ethyl Acetate	4.714	43	191966	55.113	ug/l	99
38) Carbon Tetrachloride	5.678	117	144076	56.997	ug/l	100
39) Methylcyclohexane	7.379	83	200542	58.360	ug/l	98
40) Benzene	6.037	78	479049	56.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	104595	55.770	ug/l	99
42) 1,2-Dichloroethane	6.092	62	154439	58.408	ug/l	99
43) Isopropyl Acetate	6.342	43	288509	55.084	ug/l	99
44) Trichloroethene	7.129	130	130166	52.211	ug/l	99
45) 1,2-Dichloropropane	7.427	63	122450	55.217	ug/l	98
46) Dibromomethane	7.580	93	83330	54.595	ug/l	98
47) Bromodichloromethane	7.824	83	156472	56.497	ug/l	97
48) Methyl methacrylate	7.696	41	140097	57.971	ug/l	97
49) 1,4-Dioxane	7.683	88	66022	1051.514	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	978494	282.318	ug/l	99
52) Toluene	8.720	92	292502	53.990	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	165199	57.424	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	187615	56.928	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	124025	55.513	ug/l	99
56) Ethyl methacrylate	9.116	69	190374	56.675	ug/l	97
57) 1,3-Dichloropropane	9.311	76	198821	56.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	499129	273.649	ug/l	100
59) 2-Hexanone	9.433	43	764135	287.498	ug/l	98
60) Dibromochloromethane	9.525	129	120547	55.384	ug/l	100
61) 1,2-Dibromoethane	9.610	107	126487	54.398	ug/l	99
64) Tetrachloroethene	9.275	164	127670	53.484	ug/l	95
65) Chlorobenzene	10.079	112	313982	53.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	110073	54.526	ug/l	99
67) Ethyl Benzene	10.195	91	569043	56.701	ug/l	98
68) m/p-Xylenes	10.305	106	434147	110.295	ug/l	97
69) o-Xylene	10.640	106	214627	54.456	ug/l	98
70) Styrene	10.659	104	362803	55.461	ug/l	99
71) Bromoform	10.799	173	83805	51.672	ug/l	98
73) Isopropylbenzene	10.963	105	557532	54.325	ug/l	100
74) N-amyl acetate	10.841	43	251003	55.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	187455	50.627	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	180914m	53.385	ug/l	
77) Bromobenzene	11.201	156	127792	49.768	ug/l	99
78) n-propylbenzene	11.305	91	678449	55.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	391700	53.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	471955	54.576	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	61679	52.526	ug/l	95
82) 4-Chlorotoluene	11.457	91	450198	55.099	ug/l	99
83) tert-Butylbenzene	11.713	119	431947	52.085	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	475832	55.629	ug/l	98
85) sec-Butylbenzene	11.890	105	612991	55.912	ug/l	100
86) p-Isopropyltoluene	12.012	119	498021	56.622	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	253195	53.367	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	252076	51.774	ug/l	100
89) n-Butylbenzene	12.335	91	473266	60.055	ug/l	99
90) Hexachloroethane	12.542	117	82548	54.901	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	245971	51.030	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46860	55.427	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	151799	51.273	ug/l	98
94) Hexachlorobutadiene	13.725	225	62023	52.472	ug/l	98
95) Naphthalene	13.774	128	610951	51.988	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157789	52.380	ug/l	99

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

