

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030050.D
 Acq On : 13 Jul 2022 17:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 14 04:57:36 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115981	49.664	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	5.391	113	104382	49.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.653	98	406201	50.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.000%		
62) 4-Bromofluorobenzene	11.085	95	151549	54.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	116457	53.509	ug/l	100
3) Chloromethane	1.288	50	120478	60.260	ug/l	98
4) Vinyl Chloride	1.374	62	116648	52.529	ug/l	100
5) Bromomethane	1.593	94	39520	41.894	ug/l	98
6) Chloroethane	1.666	64	65920	52.714	ug/l	94
7) Trichlorofluoromethane	1.874	101	152033	53.012	ug/l	97
8) Diethyl Ether	2.136	74	60518	51.008	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	101808	52.000	ug/l	98
10) Methyl Iodide	2.447	142	98010	50.941	ug/l	99
11) Tert butyl alcohol	2.983	59	161830	268.502	ug/l	100
12) 1,1-Dichloroethene	2.313	96	101475	51.911	ug/l	95
13) Acrolein	2.239	56	24342	202.784	ug/l	96
14) Allyl chloride	2.660	41	177127	51.852	ug/l	99
15) Acrylonitrile	3.069	53	378200	276.101	ug/l	100
16) Acetone	2.386	43	297509	270.363	ug/l	100
17) Carbon Disulfide	2.502	76	263980	48.246	ug/l	98
18) Methyl Acetate	2.709	43	169908	50.755	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	320906	51.936	ug/l	97
20) Methylene Chloride	2.788	84	117152	52.763	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	108208	53.108	ug/l	92
22) Diisopropyl ether	3.770	45	350447	52.410	ug/l	87
23) Vinyl Acetate	3.727	43	1575894	278.398	ug/l	100
24) 1,1-Dichloroethane	3.611	63	191783	51.759	ug/l	99
25) 2-Butanone	4.562	43	516465	275.525	ug/l	99
26) 2,2-Dichloropropane	4.477	77	124340	47.771	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	127861	51.244	ug/l	97
28) Bromochloromethane	4.897	49	80191	51.444	ug/l	94
29) Tetrahydrofuran	5.013	42	344279	270.636	ug/l	99
30) Chloroform	5.099	83	192402	52.106	ug/l	99
31) Cyclohexane	5.471	56	180069	53.190	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	154448	51.176	ug/l	100
36) 1,1-Dichloropropene	5.696	75	141365	51.675	ug/l	98
37) Ethyl Acetate	4.721	43	190761	54.266	ug/l	99
38) Carbon Tetrachloride	5.678	117	129630	50.813	ug/l	95
39) Methylcyclohexane	7.379	83	191954	55.350	ug/l	96
40) Benzene	6.044	78	458553	53.255	ug/l	99

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41) Methacrylonitrile	4.928	41	100033	52.850	ug/l	97
42) 1,2-Dichloroethane	6.092	62	138923	52.059	ug/l	99
43) Isopropyl Acetate	6.348	43	279031	52.787	ug/l	99
44) Trichloroethene	7.129	130	123870	49.231	ug/l	98
45) 1,2-Dichloropropane	7.434	63	117113	52.327	ug/l	98
46) Dibromomethane	7.586	93	81534	52.930	ug/l	98
47) Bromodichloromethane	7.824	83	147135	52.640	ug/l	98
48) Methyl methacrylate	7.696	41	137455	56.357	ug/l	99
49) 1,4-Dioxane	7.665	88	73604	1161.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	987510	282.313	ug/l	100
52) Toluene	8.720	92	285851	52.280	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	153243	52.781	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	175047	52.628	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	119328	52.922	ug/l	99
56) Ethyl methacrylate	9.122	69	191470	56.480	ug/l	99
57) 1,3-Dichloropropane	9.311	76	192365	53.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	498431	270.767	ug/l	99
59) 2-Hexanone	9.433	43	797076	297.148	ug/l	99
60) Dibromochloromethane	9.525	129	113247	51.554	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125247	53.372	ug/l	98
64) Tetrachloroethene	9.275	164	135152	55.681	ug/l	97
65) Chlorobenzene	10.079	112	307307	51.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	106738	52.000	ug/l	99
67) Ethyl Benzene	10.195	91	548672	53.766	ug/l	100
68) m/p-Xylenes	10.305	106	433905	108.410	ug/l	99
69) o-Xylene	10.646	106	216274	53.966	ug/l	99
70) Styrene	10.659	104	358456	53.890	ug/l	99
71) Bromoform	10.805	173	85616	51.915	ug/l #	100
73) Isopropylbenzene	10.963	105	544475	52.357	ug/l	99
74) N-amyl acetate	10.848	43	258337	56.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	193707	51.630	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	177635m	51.730	ug/l	
77) Bromobenzene	11.201	156	130743	50.249	ug/l	99
78) n-propylbenzene	11.305	91	652253	52.869	ug/l	100
79) 2-Chlorotoluene	11.366	91	386054	52.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	459930	52.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	60581	50.915	ug/l	98
82) 4-Chlorotoluene	11.457	91	438776	52.997	ug/l	100
83) tert-Butylbenzene	11.719	119	439393	52.288	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	466759	53.853	ug/l	99
85) sec-Butylbenzene	11.890	105	599782	53.990	ug/l	100
86) p-Isopropyltoluene	12.012	119	481286	54.002	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	247748	51.534	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	247287	50.124	ug/l	100
89) n-Butylbenzene	12.335	91	432204	54.125	ug/l	99
90) Hexachloroethane	12.542	117	80142	52.602	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	240747	49.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42883	50.058	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	143328	47.777	ug/l	98
94) Hexachlorobutadiene	13.725	225	57713	48.186	ug/l	98
95) Naphthalene	13.780	128	586615	49.263	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148616	48.688	ug/l	98

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

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 ALS Vial : 20 Sample Multiplier: 1

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