

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027179.D
 Acq On : 24 Feb 2022 18:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:06:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	79751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45747	47.762	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.520%		
35) Dibromofluoromethane	5.391	113	38422	47.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.653	98	141645	47.052	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.100%		
62) 4-Bromofluorobenzene	11.079	95	55140	47.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	39127	49.356	ug/l	98
3) Chloromethane	1.294	50	38292	51.673	ug/l	99
4) Vinyl Chloride	1.374	62	36115	48.928	ug/l	97
5) Bromomethane	1.599	94	17085	53.071	ug/l	96
6) Chloroethane	1.685	64	22071	48.694	ug/l	99
7) Trichlorofluoromethane	1.886	101	56492	49.209	ug/l	99
8) Diethyl Ether	2.136	74	19727	49.369	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	39844	49.821	ug/l	96
10) Methyl Iodide	2.453	142	58394	54.376	ug/l	95
11) Tert butyl alcohol	2.965	59	42115	225.989	ug/l	95
12) 1,1-Dichloroethene	2.325	96	39410	50.760	ug/l	88
13) Acrolein	2.239	56	41645	241.769	ug/l	98
14) Allyl chloride	2.666	41	68055	49.784	ug/l	95
15) Acrylonitrile	3.068	53	124353	260.043	ug/l	98
16) Acetone	2.386	43	101285	240.847	ug/l	95
17) Carbon Disulfide	2.514	76	93832	46.478	ug/l	100
18) Methyl Acetate	2.709	43	53375	49.173	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	137475	51.603	ug/l	99
20) Methylene Chloride	2.794	84	44559	51.121	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42749	51.630	ug/l	97
22) Diisopropyl ether	3.763	45	138772	52.074	ug/l	96
23) Vinyl Acetate	3.727	43	593676	263.812	ug/l	97
24) 1,1-Dichloroethane	3.617	63	76550	50.813	ug/l	98
25) 2-Butanone	4.556	43	169766	253.487	ug/l	96
26) 2,2-Dichloropropane	4.483	77	52836	48.346	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	49801	51.863	ug/l	94
28) Bromochloromethane	4.904	49	29484	48.377	ug/l	90
29) Tetrahydrofuran	5.007	42	113175	252.490	ug/l	96
30) Chloroform	5.099	83	78184	49.967	ug/l	99
31) Cyclohexane	5.477	56	70952	49.462	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	68415	50.508	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58517	49.802	ug/l	97
37) Ethyl Acetate	4.721	43	65757	50.971	ug/l	97
38) Carbon Tetrachloride	5.684	117	60503	49.371	ug/l	96
39) Methylcyclohexane	7.385	83	75181	51.436	ug/l	96
40) Benzene	6.044	78	174249	50.711	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36708	51.869	ug/l	95
42) 1,2-Dichloroethane	6.092	62	61503	50.454	ug/l	96
43) Isopropyl Acetate	6.342	43	103192	51.997	ug/l	96
44) Trichloroethene	7.129	130	52141	50.727	ug/l	92
45) 1,2-Dichloropropane	7.434	63	44866	53.440	ug/l	99
46) Dibromomethane	7.586	93	30987	51.386	ug/l	93
47) Bromodichloromethane	7.824	83	59161	50.265	ug/l	100
48) Methyl methacrylate	7.696	41	51653	53.770	ug/l	95
49) 1,4-Dioxane	7.659	88	19983	920.158	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	340727	264.148	ug/l	97
52) Toluene	8.720	92	112241	51.013	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	61407	46.338	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69256	52.713	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	45813	52.571	ug/l	97
56) Ethyl methacrylate	9.116	69	71974	53.048	ug/l	93
57) 1,3-Dichloropropane	9.311	76	76852	53.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	174404	266.675	ug/l	98
59) 2-Hexanone	9.433	43	256175	259.845	ug/l	96
60) Dibromochloromethane	9.525	129	46204	51.108	ug/l	100
61) 1,2-Dibromoethane	9.610	107	48055	51.779	ug/l	99
64) Tetrachloroethene	9.275	164	53838	50.366	ug/l	93
65) Chlorobenzene	10.079	112	121956	50.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44332	50.759	ug/l	99
67) Ethyl Benzene	10.195	91	215648	51.006	ug/l	98
68) m/p-Xylenes	10.305	106	169511	104.290	ug/l	96
69) o-Xylene	10.640	106	83729	51.326	ug/l	96
70) Styrene	10.659	104	141141	52.875	ug/l	97
71) Bromoform	10.799	173	32603	43.708	ug/l #	100
73) Isopropylbenzene	10.963	105	216170	52.179	ug/l	99
74) N-amyl acetate	10.841	43	86198	54.684	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	62556	51.122	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	62472m	53.570	ug/l	
77) Bromobenzene	11.201	156	53211	51.493	ug/l	93
78) n-propylbenzene	11.305	91	246125	52.270	ug/l	99
79) 2-Chlorotoluene	11.366	91	149089	51.669	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	183448	52.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17272	43.986	ug/l	94
82) 4-Chlorotoluene	11.457	91	171918	52.155	ug/l	97
83) tert-Butylbenzene	11.713	119	177474	52.393	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	185058	53.406	ug/l	97
85) sec-Butylbenzene	11.890	105	228215	53.731	ug/l	100
86) p-Isopropyltoluene	12.012	119	191797	52.970	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99944	51.400	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99312	49.952	ug/l	98
89) n-Butylbenzene	12.335	91	156600	51.745	ug/l	99
90) Hexachloroethane	12.542	117	27512	49.052	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	96260	50.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14167	49.868	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	61800	51.619	ug/l	99
94) Hexachlorobutadiene	13.725	225	24902	50.099	ug/l	98
95) Naphthalene	13.774	128	216343	53.178	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61045	50.869	ug/l	99

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

