

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026262.D
 Acq On : 04 Jan 2022 08:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 04 17:34:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	327773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132302	46.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.960%		
35) Dibromofluoromethane	5.391	113	101482	47.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	8.653	98	378748	47.783	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.079	95	140645	49.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	94906	45.923	ug/l	98
3) Chloromethane	1.295	50	103586	43.060	ug/l	99
4) Vinyl Chloride	1.380	62	103226	40.773	ug/l	99
5) Bromomethane	1.605	94	53342	34.141	ug/l	98
6) Chloroethane	1.685	64	66606	37.414	ug/l	99
7) Trichlorofluoromethane	1.892	101	162328	37.222	ug/l	99
8) Diethyl Ether	2.136	74	60406	40.319	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	97886	42.576	ug/l	99
10) Methyl Iodide	2.459	142	130819	44.000	ug/l	99
11) Tert butyl alcohol	2.959	59	122802	215.980	ug/l	98
12) 1,1-Dichloroethene	2.325	96	95824	43.978	ug/l	96
13) Acrolein	2.240	56	48008	236.127	ug/l	99
14) Allyl chloride	2.666	41	179826	41.762	ug/l	98
15) Acrylonitrile	3.063	53	309581	219.914	ug/l	100
16) Acetone	2.380	43	279981	181.524	ug/l	97
17) Carbon Disulfide	2.514	76	274161	43.842	ug/l	100
18) Methyl Acetate	2.703	43	214657	42.906	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	364164	47.848	ug/l	99
20) Methylene Chloride	2.794	84	111547	45.138	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	103852	43.690	ug/l	91
22) Diisopropyl ether	3.764	45	372189	45.286	ug/l	92
23) Vinyl Acetate	3.721	43	1474889	225.999	ug/l	98
24) 1,1-Dichloroethane	3.617	63	200854	45.096	ug/l	100
25) 2-Butanone	4.556	43	449016	208.986	ug/l	100
26) 2,2-Dichloropropane	4.477	77	141382	42.131	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	123933	45.829	ug/l	94
28) Bromochloromethane	4.898	49	84442	42.775	ug/l	95
29) Tetrahydrofuran	5.001	42	288285	212.879	ug/l	97
30) Chloroform	5.099	83	206122	43.754	ug/l	98
31) Cyclohexane	5.477	56	180456	44.513	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	187062	45.676	ug/l	99
36) 1,1-Dichloropropene	5.696	75	153126	44.552	ug/l	98
37) Ethyl Acetate	4.715	43	176447	44.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	161312	42.193	ug/l	97
39) Methylcyclohexane	7.385	83	175820	45.350	ug/l	97
40) Benzene	6.044	78	440997	44.957	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	98190	43.631	ug/l	95
42) 1,2-Dichloroethane	6.086	62	173083	43.599	ug/l	98
43) Isopropyl Acetate	6.342	43	295457	45.490	ug/l	99
44) Trichloroethene	7.129	130	126408	47.891	ug/l	95
45) 1,2-Dichloropropane	7.434	63	114734	45.729	ug/l	95
46) Dibromomethane	7.586	93	80230	43.110	ug/l	99
47) Bromodichloromethane	7.824	83	164879	43.546	ug/l	95
48) Methyl methacrylate	7.696	41	146446	47.014	ug/l	93
49) 1,4-Dioxane	7.659	88	44700	778.693	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	886743	219.388	ug/l	99
52) Toluene	8.720	92	295039	48.857	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	166565	41.690	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	179109	44.756	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	113956	45.914	ug/l	98
56) Ethyl methacrylate	9.116	69	189172	49.420	ug/l	95
57) 1,3-Dichloropropane	9.311	76	195919	46.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	481852	236.047	ug/l	97
59) 2-Hexanone	9.433	43	668011	218.185	ug/l	99
60) Dibromochloromethane	9.525	129	121643	43.265	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121725	45.838	ug/l	99
64) Tetrachloroethene	9.275	164	132833	53.963	ug/l	99
65) Chlorobenzene	10.080	112	294644	45.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	113542	46.501	ug/l	100
67) Ethyl Benzene	10.195	91	545083	47.574	ug/l	97
68) m/p-Xylenes	10.305	106	409603	95.746	ug/l	94
69) o-Xylene	10.640	106	199899	47.757	ug/l	94
70) Styrene	10.659	104	332251	48.419	ug/l	97
71) Bromoform	10.799	173	79965	40.370	ug/l #	99
73) Isopropylbenzene	10.964	105	525528	51.028	ug/l	98
74) N-amyl acetate	10.842	43	248440	52.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	149850	42.783	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	151315m	47.314	ug/l	
77) Bromobenzene	11.201	156	121138	49.599	ug/l	93
78) n-propylbenzene	11.305	91	607184	51.277	ug/l	98
79) 2-Chlorotoluene	11.366	91	365231	50.107	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	438553	51.313	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	39664	35.880	ug/l #	86
82) 4-Chlorotoluene	11.457	91	419968	51.017	ug/l	96
83) tert-Butylbenzene	11.713	119	407398	49.110	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	435661	51.015	ug/l	97
85) sec-Butylbenzene	11.890	105	517683	50.007	ug/l	99
86) p-Isopropyltoluene	12.012	119	440284	51.017	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	222874	48.611	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	225613	45.897	ug/l	99
89) n-Butylbenzene	12.335	91	372178	48.527	ug/l	99
90) Hexachloroethane	12.543	117	64642	37.502	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	218647	45.972	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38647	43.102	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	132756	47.235	ug/l	98
94) Hexachlorobutadiene	13.725	225	52956	45.380	ug/l	99
95) Naphthalene	13.774	128	491099	47.959	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	131412	45.956	ug/l	98

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

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