

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026734.D
 Acq On : 02 Feb 2022 14:02
 Operator : JC/MD
 Sample : VX0202WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBS03

Quant Time: Feb 03 03:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56659	43.722	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.440%		
35) Dibromofluoromethane	5.391	113	45429	46.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.300%		
50) Toluene-d8	8.653	98	167712	47.789	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	60733	48.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	16292	14.873	ug/l	98
3) Chloromethane	1.294	50	15784	15.718	ug/l	99
4) Vinyl Chloride	1.380	62	16467	15.618	ug/l	97
5) Bromomethane	1.617	94	8048	16.547	ug/l	95
6) Chloroethane	1.690	64	10111	18.965	ug/l	99
7) Trichlorofluoromethane	1.892	101	25942	15.585	ug/l	97
8) Diethyl Ether	2.135	74	9805	16.646	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	18184	17.926	ug/l	98
10) Methyl Iodide	2.459	142	21671	22.526	ug/l	96
11) Tert butyl alcohol	2.983	59	15796	87.622	ug/l #	94
12) 1,1-Dichloroethene	2.324	96	16847	17.389	ug/l	90
13) Acrolein	2.239	56	18660	97.411	ug/l	99
14) Allyl chloride	2.666	41	30962	17.378	ug/l	95
15) Acrylonitrile	3.068	53	53844	97.028	ug/l	100
16) Acetone	2.385	43	48515	73.412	ug/l	98
17) Carbon Disulfide	2.513	76	39230	13.869	ug/l	99
18) Methyl Acetate	2.709	43	25292	19.251	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	63122	17.956	ug/l	98
20) Methylene Chloride	2.794	84	19992	18.310	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	18358	17.503	ug/l	98
22) Diisopropyl ether	3.763	45	66088	18.261	ug/l	99
23) Vinyl Acetate	3.727	43	273651	91.857	ug/l	98
24) 1,1-Dichloroethane	3.611	63	34879	17.845	ug/l	100
25) 2-Butanone	4.562	43	74229	86.370	ug/l	100
26) 2,2-Dichloropropane	4.483	77	25331	17.484	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	22063	18.431	ug/l	98
28) Bromochloromethane	4.897	49	14287	17.802	ug/l	97
29) Tetrahydrofuran	5.013	42	48045	94.127	ug/l	98
30) Chloroform	5.098	83	36779	18.110	ug/l	100
31) Cyclohexane	5.476	56	31177	16.311	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	31625	17.704	ug/l	99
36) 1,1-Dichloropropene	5.696	75	26111	16.984	ug/l	98
37) Ethyl Acetate	4.714	43	29444	18.933	ug/l	99
38) Carbon Tetrachloride	5.684	117	27414	17.335	ug/l	97
39) Methylcyclohexane	7.385	83	32318	17.428	ug/l	95
40) Benzene	6.043	78	78074	18.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16744	19.006	ug/l	98
42) 1,2-Dichloroethane	6.092	62	28894	17.379	ug/l	98
43) Isopropyl Acetate	6.342	43	47226	18.799	ug/l	100
44) Trichloroethene	7.128	130	23577	19.553	ug/l	89
45) 1,2-Dichloropropane	7.433	63	20388	19.221	ug/l	98
46) Dibromomethane	7.580	93	14243	19.048	ug/l	99
47) Bromodichloromethane	7.823	83	28155	18.636	ug/l	99
48) Methyl methacrylate	7.695	41	23183	18.621	ug/l	98
49) 1,4-Dioxane	7.677	88	7189	351.867	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	150183	100.790	ug/l	98
52) Toluene	8.720	92	50056	19.209	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	26850	17.879	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	30957	19.078	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	20421	20.082	ug/l	98
56) Ethyl methacrylate	9.116	69	31555	20.248	ug/l	96
57) 1,3-Dichloropropane	9.311	76	34897	19.794	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	74247	90.859	ug/l	99
59) 2-Hexanone	9.433	43	108506	95.143	ug/l	98
60) Dibromochloromethane	9.524	129	21256	20.059	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21236	20.041	ug/l	98
64) Tetrachloroethene	9.274	164	25263	20.097	ug/l	95
65) Chlorobenzene	10.079	112	53506	19.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19871	19.084	ug/l	98
67) Ethyl Benzene	10.195	91	95408	18.736	ug/l	99
68) m/p-Xylenes	10.305	106	72908	38.258	ug/l	97
69) o-Xylene	10.646	106	35958	19.554	ug/l	96
70) Styrene	10.658	104	59167	19.719	ug/l	98
71) Bromoform	10.799	173	13718	18.687	ug/l #	99
73) Isopropylbenzene	10.963	105	95209	19.360	ug/l	99
74) N-amyl acetate	10.841	43	36267	19.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	24995	18.936	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	25660m	19.425	ug/l	
77) Bromobenzene	11.201	156	22132	19.645	ug/l	97
78) n-propylbenzene	11.305	91	107392	19.150	ug/l	100
79) 2-Chlorotoluene	11.366	91	64371	18.929	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	77862	19.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6965	19.951	ug/l	99
82) 4-Chlorotoluene	11.457	91	73186	18.725	ug/l	98
83) tert-Butylbenzene	11.713	119	74253	19.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	78407	19.335	ug/l	99
85) sec-Butylbenzene	11.890	105	95898	19.589	ug/l	100
86) p-Isopropyltoluene	12.012	119	81222	19.775	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40825	19.333	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	40651	19.019	ug/l	98
89) n-Butylbenzene	12.335	91	67606	19.181	ug/l	99
90) Hexachloroethane	12.542	117	11635	18.413	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	39883	19.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5508	17.265	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	24398	19.069	ug/l	98
94) Hexachlorobutadiene	13.725	225	10645	19.709	ug/l	97
95) Naphthalene	13.780	128	82590	19.353	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24695	19.626	ug/l	100

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

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