

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031056.D
 Acq On : 02 Sep 2022 10:46
 Operator : JC/MD
 Sample : VX0902WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:47:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122404	47.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	5.391	113	118908	51.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.940%		
50) Toluene-d8	8.653	98	432692	50.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.780%		
62) 4-Bromofluorobenzene	11.085	95	156599	52.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39204	18.952	ug/l	100
3) Chloromethane	1.288	50	30361	16.599	ug/l	100
4) Vinyl Chloride	1.374	62	39918	18.473	ug/l	93
5) Bromomethane	1.611	94	21415	22.168	ug/l	91
6) Chloroethane	1.685	64	15439	11.671	ug/l	97
7) Trichlorofluoromethane	1.886	101	72617	19.888	ug/l	94
8) Diethyl Ether	2.136	74	23922	18.786	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	48748	20.156	ug/l	92
10) Methyl Iodide	2.453	142	38375	18.350	ug/l	96
11) Tert butyl alcohol	3.001	59	52608	86.599	ug/l	96
12) 1,1-Dichloroethene	2.319	96	47461	20.322	ug/l	92
13) Acrolein	2.239	56	63929	135.056	ug/l	100
14) Allyl chloride	2.666	41	57922	18.674	ug/l #	91
15) Acrylonitrile	3.068	53	115191	94.982	ug/l	98
16) Acetone	2.392	43	93281	93.412	ug/l	97
17) Carbon Disulfide	2.514	76	110677	18.248	ug/l	98
18) Methyl Acetate	2.709	43	54915	19.137	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	143857	20.001	ug/l	92
20) Methylene Chloride	2.788	84	51514	19.881	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	49140	18.909	ug/l	94
22) Diisopropyl ether	3.763	45	118701	18.993	ug/l #	91
23) Vinyl Acetate	3.727	43	478724	94.833	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	80192	19.043	ug/l	99
25) 2-Butanone	4.568	43	142794	92.624	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	65701	19.551	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	57980	19.906	ug/l	92
28) Bromochloromethane	4.897	49	23096	18.511	ug/l #	61
29) Tetrahydrofuran	5.019	42	89205	89.753	ug/l #	79
30) Chloroform	5.099	83	90138	19.518	ug/l	99
31) Cyclohexane	5.470	56	66942	18.945	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	80304	20.285	ug/l	95
36) 1,1-Dichloropropene	5.696	75	64198	19.839	ug/l	96
37) Ethyl Acetate	4.715	43	52981	18.844	ug/l #	92
38) Carbon Tetrachloride	5.678	117	71337	21.238	ug/l	100
39) Methylcyclohexane	7.385	83	82964	20.688	ug/l	93
40) Benzene	6.037	78	194918	20.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29090	19.407	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	64011	20.887	ug/l	98
43) Isopropyl Acetate	6.342	43	84584	19.249	ug/l #	91
44) Trichloroethene	7.129	130	61465	20.903	ug/l	100
45) 1,2-Dichloropropane	7.434	63	46737	19.626	ug/l	99
46) Dibromomethane	7.580	93	36487	20.472	ug/l	90
47) Bromodichloromethane	7.824	83	70085	21.048	ug/l	97
48) Methyl methacrylate	7.702	41	44719	20.159	ug/l	88
49) 1,4-Dioxane	7.696	88	27795	411.939	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	278212	98.491	ug/l	89
52) Toluene	8.720	92	126740	21.036	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	69366	21.039	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	77602	21.050	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	53986	21.077	ug/l	97
56) Ethyl methacrylate	9.116	69	72507	20.707	ug/l	86
57) 1,3-Dichloropropane	9.311	76	81616	20.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	180507	103.233	ug/l	91
59) 2-Hexanone	9.433	43	213197	99.805	ug/l	90
60) Dibromochloromethane	9.525	129	56628	21.292	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58046	21.466	ug/l	98
64) Tetrachloroethene	9.275	164	63787	22.201	ug/l	96
65) Chlorobenzene	10.079	112	140003	20.371	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	53528	21.093	ug/l	97
67) Ethyl Benzene	10.195	91	243189	20.655	ug/l	100
68) m/p-Xylenes	10.305	106	193689	41.944	ug/l	99
69) o-Xylene	10.646	106	93828	20.718	ug/l	97
70) Styrene	10.659	104	155957	21.279	ug/l	99
71) Bromoform	10.805	173	42539	21.558	ug/l #	100
73) Isopropylbenzene	10.963	105	244285	20.518	ug/l	98
74) N-amyl acetate	10.841	43	70100	19.506	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	73576	19.325	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68416m	19.596	ug/l	
77) Bromobenzene	11.201	156	63059	20.543	ug/l	88
78) n-propylbenzene	11.305	91	274438	20.239	ug/l	98
79) 2-Chlorotoluene	11.366	91	167979	20.118	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	208538	20.814	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	23461	21.118	ug/l	92
82) 4-Chlorotoluene	11.457	91	189172	20.248	ug/l	98
83) tert-Butylbenzene	11.713	119	200752	20.132	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	209930	21.081	ug/l	99
85) sec-Butylbenzene	11.890	105	257220	19.693	ug/l	97
86) p-Isopropyltoluene	12.012	119	214691	20.755	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118431	20.142	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	117498	20.065	ug/l	99
89) n-Butylbenzene	12.335	91	181093	19.416	ug/l	99
90) Hexachloroethane	12.542	117	37031	19.754	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	115528	19.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16344	17.619	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	79087	20.722	ug/l	99
94) Hexachlorobutadiene	13.725	225	34692	20.760	ug/l	97
95) Naphthalene	13.774	128	286792	21.423	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82594	20.630	ug/l	95

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

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