

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030344.D
 Acq On : 02 Aug 2022 11:56
 Operator : JC/MD
 Sample : VX0802WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

Quant Time: Aug 02 15:48:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137302	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	230769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146362	53.036	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.080%			
35) Dibromofluoromethane	5.385	113	118757	53.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	8.653	98	447069	52.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	168152	53.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	46157	20.487	ug/l	98
3) Chloromethane	1.288	50	37668	16.907	ug/l	100
4) Vinyl Chloride	1.374	62	41091	18.274	ug/l	96
5) Bromomethane	1.605	94	19205	21.012	ug/l	96
6) Chloroethane	1.685	64	25659	19.873	ug/l	91
7) Trichlorofluoromethane	1.886	101	60438	20.400	ug/l	95
8) Diethyl Ether	2.136	74	24313	20.957	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	44920	20.471	ug/l	97
10) Methyl Iodide	2.453	142	21890	11.449	ug/l	97
11) Tert butyl alcohol	2.971	59	80809	120.043	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43185	20.134	ug/l	96
13) Acrolein	2.240	56	9944	60.101	ug/l	100
14) Allyl chloride	2.666	41	90344	20.412	ug/l	97
15) Acrylonitrile	3.069	53	170748	102.642	ug/l	98
16) Acetone	2.380	43	160259	113.427	ug/l	91
17) Carbon Disulfide	2.508	76	98492	17.011	ug/l	100
18) Methyl Acetate	2.703	43	90465	21.647	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	154952	21.090	ug/l	99
20) Methylene Chloride	2.788	84	52767	20.282	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	45169	19.079	ug/l	96
22) Diisopropyl ether	3.764	45	178402	21.304	ug/l	92
23) Vinyl Acetate	3.721	43	772299	106.315	ug/l	98
24) 1,1-Dichloroethane	3.611	63	90971	20.443	ug/l	97
25) 2-Butanone	4.556	43	257097	108.285	ug/l	94
26) 2,2-Dichloropropane	4.471	77	69804	21.694	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	57167	20.534	ug/l	95
28) Bromochloromethane	4.904	49	45721	24.321	ug/l	93
29) Tetrahydrofuran	5.013	42	161858	101.320	ug/l	94
30) Chloroform	5.099	83	92123	20.909	ug/l	96
31) Cyclohexane	5.471	56	78855	19.680	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	73259	20.456	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64979	20.468	ug/l	97
37) Ethyl Acetate	4.721	43	89747	19.962	ug/l	97
38) Carbon Tetrachloride	5.678	117	60570	20.437	ug/l	92
39) Methylcyclohexane	7.379	83	79663	19.440	ug/l	92
40) Benzene	6.038	78	200484	20.071	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51824	21.504	ug/l	95
42) 1,2-Dichloroethane	6.092	62	71997	20.860	ug/l	96
43) Isopropyl Acetate	6.342	43	137451	20.856	ug/l	97
44) Trichloroethene	7.123	130	52639	19.286	ug/l	96
45) 1,2-Dichloropropane	7.434	63	56720	21.290	ug/l	97
46) Dibromomethane	7.586	93	36212	19.987	ug/l	96
47) Bromodichloromethane	7.824	83	69463	21.091	ug/l	96
48) Methyl methacrylate	7.696	41	68674	21.170	ug/l	94
49) 1,4-Dioxane	7.665	88	29536	394.215	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	477230	106.661	ug/l	96
52) Toluene	8.720	92	123045	20.191	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	72330	20.373	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	82264	21.263	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	53738	20.710	ug/l	93
56) Ethyl methacrylate	9.116	69	86014	20.970	ug/l	94
57) 1,3-Dichloropropane	9.311	76	89346	20.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	225253	110.651	ug/l	96
59) 2-Hexanone	9.433	43	371465	105.233	ug/l	96
60) Dibromochloromethane	9.525	129	50096	20.856	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54182	19.998	ug/l	100
64) Tetrachloroethene	9.275	164	48705	18.777	ug/l	95
65) Chlorobenzene	10.080	112	131735	20.128	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	46613	20.951	ug/l	100
67) Ethyl Benzene	10.195	91	240707	24.004	ug/l	99
68) m/p-Xylenes	10.305	106	182166	41.087	ug/l	94
69) o-Xylene	10.640	106	88970	20.360	ug/l	91
70) Styrene	10.659	104	151317	21.077	ug/l	98
71) Bromoform	10.799	173	33801	20.665	ug/l #	100
73) Isopropylbenzene	10.964	105	235728	20.225	ug/l	99
74) N-amyl acetate	10.842	43	116326	20.536	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	87256	20.454	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80351m	20.418	ug/l	
77) Bromobenzene	11.201	156	53169	19.436	ug/l	92
78) n-propylbenzene	11.305	91	287153	20.643	ug/l	98
79) 2-Chlorotoluene	11.366	91	173295	19.727	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	201404	20.637	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24660	18.798	ug/l #	85
82) 4-Chlorotoluene	11.457	91	195637	20.384	ug/l	97
83) tert-Butylbenzene	11.720	119	190226	21.030	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	202528	20.801	ug/l	97
85) sec-Butylbenzene	11.890	105	259121	20.929	ug/l	98
86) p-Isopropyltoluene	12.012	119	206073	20.804	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	103140	19.387	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	108673	20.066	ug/l	99
89) n-Butylbenzene	12.335	91	208913	22.654	ug/l	99
90) Hexachloroethane	12.536	117	35586	20.866	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	109711	21.010	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22693	22.179	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	66862	22.079	ug/l	98
94) Hexachlorobutadiene	13.725	225	26949	22.163	ug/l	98
95) Naphthalene	13.774	128	271529	22.955	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67762	21.819	ug/l	99

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

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