

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030178.D
 Acq On : 22 Jul 2022 14:23
 Operator : JC/MD
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2022
 Supervised By : Mahesh Dadoda 07/25/2022

Quant Time: Jul 22 23:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	199265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	361939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138892	57.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.540%			
35) Dibromofluoromethane	5.391	113	116977	50.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	8.653	98	424455	48.810	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.620%			
62) 4-Bromofluorobenzene	11.085	95	157330	52.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42554	18.173	ug/l	98
3) Chloromethane	1.288	50	39615	19.078	ug/l	96
4) Vinyl Chloride	1.374	62	40225	17.441	ug/l	98
5) Bromomethane	1.605	94	20011	20.425	ug/l	98
6) Chloroethane	1.685	64	24232	18.658	ug/l	98
7) Trichlorofluoromethane	1.886	101	57416	19.276	ug/l	96
8) Diethyl Ether	2.136	74	23452	19.032	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	42186	20.747	ug/l	99
10) Methyl Iodide	2.453	142	34492	18.853	ug/l	94
11) Tert butyl alcohol	2.977	59	65763	105.057	ug/l	97
12) 1,1-Dichloroethene	2.319	96	40826	20.109	ug/l	95
13) Acrolein	2.239	56	2571	20.622	ug/l	90
14) Allyl chloride	2.666	41	85796	24.182	ug/l	97
15) Acrylonitrile	3.068	53	167273	117.579	ug/l	98
16) Acetone	2.386	43	145622	127.418	ug/l	96
17) Carbon Disulfide	2.508	76	99366	17.244	ug/l	96
18) Methyl Acetate	2.709	43	84598	24.332	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	147615	23.003	ug/l	95
20) Methylene Chloride	2.788	84	52488	21.645	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	43754	20.676	ug/l	93
22) Diisopropyl ether	3.770	45	168353	24.242	ug/l	91
23) Vinyl Acetate	3.727	43	726962	123.654	ug/l	99
24) 1,1-Dichloroethane	3.617	63	87537	22.747	ug/l	98
25) 2-Butanone	4.568	43	243143	124.893	ug/l	100
26) 2,2-Dichloropropane	4.483	77	63342	23.432	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	53935	20.813	ug/l	95
28) Bromochloromethane	4.910	49	38363	23.696	ug/l	99
29) Tetrahydrofuran	5.019	42	158700	120.118	ug/l	95
30) Chloroform	5.105	83	87242	22.749	ug/l	98
31) Cyclohexane	5.477	56	76096	21.643	ug/l #	95
32) 1,1,1-Trichloroethane	5.391	97	70354	22.446	ug/l	98
36) 1,1-Dichloropropene	5.702	75	62254	20.844	ug/l	98
37) Ethyl Acetate	4.721	43	85710	22.333	ug/l	98
38) Carbon Tetrachloride	5.678	117	58397	20.967	ug/l	98
39) Methylcyclohexane	7.385	83	75166	19.853	ug/l	97
40) Benzene	6.044	78	195579	20.806	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48583	23.511	ug/l	97
42) 1,2-Dichloroethane	6.092	62	68526	23.522	ug/l	98
43) Isopropyl Acetate	6.348	43	130734	22.654	ug/l	96
44) Trichloroethene	7.129	130	52992	19.291	ug/l	97
45) 1,2-Dichloropropane	7.440	63	52535	21.501	ug/l	99
46) Dibromomethane	7.586	93	34495	20.512	ug/l	97
47) Bromodichloromethane	7.824	83	65315	21.404	ug/l	99
48) Methyl methacrylate	7.702	41	64714	24.304	ug/l	96
49) 1,4-Dioxane	7.671	88	29853	431.527	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	463110	121.271	ug/l	96
52) Toluene	8.720	92	120863	20.247	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	68811	21.709	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	78684	21.669	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	52773	21.438	ug/l	99
56) Ethyl methacrylate	9.122	69	82631	22.326	ug/l	96
57) 1,3-Dichloropropane	9.311	76	83566	21.370	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	232113	115.498	ug/l	98
59) 2-Hexanone	9.433	43	355996	121.564	ug/l	96
60) Dibromochloromethane	9.525	129	46145	19.242	ug/l	95
61) 1,2-Dibromoethane	9.616	107	52822	20.618	ug/l	99
64) Tetrachloroethene	9.281	164	50542	19.842	ug/l	98
65) Chlorobenzene	10.085	112	126967	20.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	44084	20.464	ug/l	97
67) Ethyl Benzene	10.195	91	226226	21.124	ug/l	97
68) m/p-Xylenes	10.305	106	172766	41.131	ug/l	94
69) o-Xylene	10.646	106	86815	20.642	ug/l	94
70) Styrene	10.659	104	146608	21.002	ug/l	98
71) Bromoform	10.805	173	31913	18.439	ug/l #	98
73) Isopropylbenzene	10.963	105	224123	20.909	ug/l	100
74) N-amyl acetate	10.848	43	107215	22.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	80416	20.794	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	74096m	20.934	ug/l	
77) Bromobenzene	11.201	156	53007	19.765	ug/l	97
78) n-propylbenzene	11.305	91	264523	20.802	ug/l	99
79) 2-Chlorotoluene	11.366	91	159536	20.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	189753	21.009	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	23391	19.072	ug/l	87
82) 4-Chlorotoluene	11.457	91	179648	21.051	ug/l	99
83) tert-Butylbenzene	11.719	119	174154	20.106	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	191337	21.417	ug/l	98
85) sec-Butylbenzene	11.896	105	237997	20.784	ug/l	99
86) p-Isopropyltoluene	12.012	119	198425	21.600	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	98926	19.964	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	102015	20.061	ug/l	99
89) n-Butylbenzene	12.335	91	182076	22.121	ug/l	98
90) Hexachloroethane	12.542	117	32187	20.496	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	104667	20.791	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21208	24.018	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	60765	19.651	ug/l	98
94) Hexachlorobutadiene	13.725	225	23058	18.677	ug/l	97
95) Naphthalene	13.780	128	246138	20.054	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62884	19.987	ug/l	99

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

