

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028941.D
 Acq On : 25 May 2022 11:34
 Operator : JC/MD
 Sample : VX0525WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS01

Quant Time: May 26 05:42:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176453	48.637	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.280%		
35) Dibromofluoromethane	5.391	113	143465	50.771	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.540%		
50) Toluene-d8	8.653	98	519240	48.739	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	205699	51.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59472	17.161	ug/l	96
3) Chloromethane	1.294	50	52484	16.081	ug/l	99
4) Vinyl Chloride	1.374	62	56929	16.186	ug/l	99
5) Bromomethane	1.599	94	56570	19.353	ug/l	100
6) Chloroethane	1.685	64	42248	17.645	ug/l	100
7) Trichlorofluoromethane	1.886	101	93006	16.586	ug/l	98
8) Diethyl Ether	2.130	74	34543	16.906	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54811	18.575	ug/l	99
10) Methyl Iodide	2.453	142	48053	13.602	ug/l	95
11) Tert butyl alcohol	2.959	59	72911	89.579	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48035	17.537	ug/l	99
13) Acrolein	2.233	56	34421	57.804	ug/l	97
14) Allyl chloride	2.666	41	77931	17.739	ug/l	94
15) Acrylonitrile	3.062	53	165910	94.917	ug/l	99
16) Acetone	2.380	43	143720	92.304	ug/l	92
17) Carbon Disulfide	2.514	76	102946	14.498	ug/l	99
18) Methyl Acetate	2.703	43	75941	19.473	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	186283	19.164	ug/l	99
20) Methylene Chloride	2.788	84	59083	18.087	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53358	17.294	ug/l	95
22) Diisopropyl ether	3.764	45	173525	18.483	ug/l	92
23) Vinyl Acetate	3.721	43	731545	90.387	ug/l	97
24) 1,1-Dichloroethane	3.611	63	101649	18.624	ug/l	99
25) 2-Butanone	4.556	43	226271	92.582	ug/l	99
26) 2,2-Dichloropropane	4.477	77	80351	18.776	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	66381	18.421	ug/l	98
28) Bromochloromethane	4.904	49	41720	18.160	ug/l	99
29) Tetrahydrofuran	5.007	42	144270	90.813	ug/l	94
30) Chloroform	5.093	83	113311	19.183	ug/l	98
31) Cyclohexane	5.477	56	82101	16.304	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	98152	19.034	ug/l	100
36) 1,1-Dichloropropene	5.696	75	75650	17.824	ug/l	99
37) Ethyl Acetate	4.715	43	83331	18.798	ug/l	99
38) Carbon Tetrachloride	5.684	117	84328	19.743	ug/l	99
39) Methylcyclohexane	7.385	83	89004	18.286	ug/l	96
40) Benzene	6.038	78	228872	18.764	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47036	19.789	ug/l	94
42) 1,2-Dichloroethane	6.092	62	88666	19.707	ug/l	98
43) Isopropyl Acetate	6.342	43	131008	18.890	ug/l	96
44) Trichloroethene	7.129	130	63733	19.266	ug/l	95
45) 1,2-Dichloropropane	7.434	63	59089	19.416	ug/l	99
46) Dibromomethane	7.586	93	43335	19.068	ug/l	96
47) Bromodichloromethane	7.824	83	82782	19.619	ug/l	100
48) Methyl methacrylate	7.696	41	64418	19.228	ug/l	92
49) 1,4-Dioxane	7.659	88	31894	381.079	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	445739	97.576	ug/l	95
52) Toluene	8.720	92	150106	19.130	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	81889	17.947	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	92296	19.440	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	64945	20.298	ug/l	97
56) Ethyl methacrylate	9.116	69	94803	19.566	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	107234	19.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	233780	98.552	ug/l	97
59) 2-Hexanone	9.433	43	344623	97.102	ug/l	92
60) Dibromochloromethane	9.525	129	63355	20.303	ug/l	97
61) 1,2-Dibromoethane	9.610	107	67391	20.054	ug/l	99
64) Tetrachloroethene	9.275	164	57853	19.360	ug/l	97
65) Chlorobenzene	10.079	112	165694	19.738	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61625	20.723	ug/l	99
67) Ethyl Benzene	10.195	91	290612	19.314	ug/l	100
68) m/p-Xylenes	10.305	106	228922	39.078	ug/l	99
69) o-Xylene	10.646	106	112299	19.471	ug/l	96
70) Styrene	10.659	104	186848	19.949	ug/l	97
71) Bromoform	10.799	173	44958	19.418	ug/l #	98
73) Isopropylbenzene	10.963	105	298074	19.814	ug/l	99
74) N-amyl acetate	10.842	43	104647	17.697	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	103877	20.128	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94222m	20.282	ug/l	
77) Bromobenzene	11.201	156	70762	19.880	ug/l	95
78) n-propylbenzene	11.305	91	333963	19.192	ug/l	100
79) 2-Chlorotoluene	11.366	91	208134	19.515	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	253607	20.232	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24647	18.472	ug/l #	82
82) 4-Chlorotoluene	11.457	91	241382	19.577	ug/l	99
83) tert-Butylbenzene	11.713	119	252317	20.790	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	252780	20.110	ug/l	99
85) sec-Butylbenzene	11.890	105	305577	20.412	ug/l	99
86) p-Isopropyltoluene	12.012	119	257988	20.537	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	134688	19.292	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	139621	19.281	ug/l	97
89) n-Butylbenzene	12.335	91	212960	19.566	ug/l	99
90) Hexachloroethane	12.542	117	39360	19.375	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	137089	19.988	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22230	20.173	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	81668	20.617	ug/l	98
94) Hexachlorobutadiene	13.725	225	35134	21.832	ug/l	95
95) Naphthalene	13.774	128	287964	20.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81505	20.486	ug/l	96

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

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