

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023371.D
 Acq On : 22 Jul 2021 11:08
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:30 PM

Quant Time: Jul 22 11:40:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	251163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	406129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	350504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	306642	91.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 183.880%#	
35) Dibromofluoromethane	5.397	113	252232	96.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 192.300%#	
50) Toluene-d8	8.653	98	926699	95.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 190.520%#	
62) 4-Bromofluorobenzene	11.085	95	323398	88.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 176.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	237148	103.992	ug/l	99
3) Chloromethane	1.294	50	266404	113.763	ug/l	99
4) Vinyl Chloride	1.374	62	277267	113.136	ug/l	100
5) Bromomethane	1.599	94	148334	106.294	ug/l	100
6) Chloroethane	1.672	64	169276	106.669	ug/l	99
7) Trichlorofluoromethane	1.880	101	448938	107.139	ug/l	98
8) Diethyl Ether	2.136	74	163410	105.095	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	248640	101.540	ug/l	96
10) Methyl Iodide	2.453	142	342564	111.957	ug/l	98
11) Tert butyl alcohol	2.989	59	345595	477.468	ug/l	98
12) 1,1-Dichloroethene	2.312	96	249771	109.539	ug/l	97
13) Acrolein	2.239	56	177173	391.532	ug/l	98
14) Allyl chloride	2.666	41	462483	115.607	ug/l	96
15) Acrylonitrile	3.075	53	819561	571.883	ug/l	98
16) Acetone	2.392	43	711282	517.748	ug/l	94
17) Carbon Disulfide	2.508	76	648457	129.666	ug/l	99
18) Methyl Acetate	2.715	43	370573	111.370	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	885794	104.709	ug/l	99
20) Methylene Chloride	2.788	84	279809	96.084	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	266081	107.868	ug/l	96
22) Diisopropyl ether	3.776	45	916910	109.581	ug/l	91
23) Vinyl Acetate	3.733	43	4108977	576.220	ug/l	95
24) 1,1-Dichloroethane	3.617	63	499897	106.235	ug/l	98
25) 2-Butanone	4.574	43	1203737	575.354	ug/l	94
26) 2,2-Dichloropropane	4.483	77	413216	105.275	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	314800	106.059	ug/l	99
28) Bromochloromethane	4.910	49	220920	99.458	ug/l	94
29) Tetrahydrofuran	5.019	42	812291	601.257	ug/l	89
30) Chloroform	5.105	83	509151	101.376	ug/l	100
31) Cyclohexane	5.477	56	460281	110.034	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	453338	103.511	ug/l	99
36) 1,1-Dichloropropene	5.696	75	378678	103.659	ug/l	99
37) Ethyl Acetate	4.727	43	475094	116.838	ug/l	94
38) Carbon Tetrachloride	5.684	117	399120	105.614	ug/l	100
39) Methylcyclohexane	7.385	83	482610	111.235	ug/l	98
40) Benzene	6.043	78	1116603	105.066	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	253709	112.401	ug/l	91
42) 1,2-Dichloroethane	6.098	62	408176	97.419	ug/l	97
43) Isopropyl Acetate	6.348	43	748135	111.358	ug/l	94
44) Trichloroethene	7.129	130	314562	104.845	ug/l	99
45) 1,2-Dichloropropane	7.440	63	296615	106.482	ug/l	99
46) Dibromomethane	7.586	93	204550	103.858	ug/l	99
47) Bromodichloromethane	7.830	83	384228	107.259	ug/l	99
48) Methyl methacrylate	7.702	41	348859	106.784	ug/l	89
49) 1,4-Dioxane	7.665	88	139451	1929.011	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	2181737	524.623	ug/l	92
52) Toluene	8.726	92	702389	102.838	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	446930	113.328	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	478166	113.972	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	282832	98.713	ug/l	98
56) Ethyl methacrylate	9.122	69	461884	103.669	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	472429	99.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	1156702	535.260	ug/l	98
59) 2-Hexanone	9.439	43	1674202	526.470	ug/l	89
60) Dibromochloromethane	9.525	129	301976	109.491	ug/l	100
61) 1,2-Dibromoethane	9.616	107	308043	104.808	ug/l	99
64) Tetrachloroethene	9.281	164	284714	101.287	ug/l	97
65) Chlorobenzene	10.085	112	734789	104.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	275230	108.783	ug/l	98
67) Ethyl Benzene	10.195	91	1317706	106.600	ug/l	98
68) m/p-Xylenes	10.305	106	1009445	213.889	ug/l	98
69) o-Xylene	10.646	106	494760	104.537	ug/l	97
70) Styrene	10.659	104	820700	106.649	ug/l	98
71) Bromoform	10.805	173	211082	117.791	ug/l	99
73) Isopropylbenzene	10.963	105	1293283	107.267	ug/l	98
74) N-amyl acetate	10.848	43	602988	116.074	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	408848	106.304	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	371614m	107.780	ug/l	
77) Bromobenzene	11.201	156	312668	104.318	ug/l	95
78) n-propylbenzene	11.311	91	1487363	106.923	ug/l	98
79) 2-Chlorotoluene	11.366	91	871644	102.165	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1069008	104.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	149523	127.761	ug/l	97
82) 4-Chlorotoluene	11.457	91	1011167	105.296	ug/l	99
83) tert-Butylbenzene	11.719	119	1036380	105.830	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1067956	105.452	ug/l	100
85) sec-Butylbenzene	11.896	105	1346082	107.041	ug/l	99
86) p-Isopropyltoluene	12.012	119	1118400	106.370	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	584348	104.768	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	584489	104.281	ug/l	100
89) n-Butylbenzene	12.335	91	1016006	110.257	ug/l	98
90) Hexachloroethane	12.542	117	191543	122.307	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	555441	100.777	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	99824	121.941	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	367674	107.430	ug/l	99
94) Hexachlorobutadiene	13.725	225	156860	107.805	ug/l	98
95) Naphthalene	13.780	128	1304865	114.096	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	372955	108.577	ug/l	99

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

