

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023435.D
 Acq On : 23 Jul 2021 19:44
 Operator : JC/MD
 Sample : M3145-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1S(OFFSITE)MS

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:21:20 PM

Quant Time: Jul 24 03:46:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	196456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	323037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123103	50.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.391	113	100639	49.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.660%			
50) Toluene-d8	8.653	98	372488	50.196	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.085	95	129233	51.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95997	53.113	ug/l	98
3) Chloromethane	1.294	50	107476	51.047	ug/l	98
4) Vinyl Chloride	1.374	62	110792	51.984	ug/l	99
5) Bromomethane	1.599	94	62955	49.755	ug/l	98
6) Chloroethane	1.679	64	70076	53.575	ug/l	98
7) Trichlorofluoromethane	1.886	101	173810	50.619	ug/l	98
8) Diethyl Ether	2.142	74	65590	51.754	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	100057	51.435	ug/l	97
10) Methyl Iodide	2.453	142	122972	50.455	ug/l	97
11) Tert butyl alcohol	2.983	59	143882	257.014	ug/l	99
12) 1,1-Dichloroethene	2.319	96	98946	51.259	ug/l	99
13) Acrolein	2.239	56	84057	295.110	ug/l	99
14) Allyl chloride	2.666	41	174007	49.582	ug/l	93
15) Acrylonitrile	3.075	53	339904	268.878	ug/l	98
16) Acetone	2.392	43	300462	249.941	ug/l	94
17) Carbon Disulfide	2.514	76	227018	47.694	ug/l	100
18) Methyl Acetate	2.715	43	136804	47.872	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	350939	52.287	ug/l	99
20) Methylene Chloride	2.794	84	115986	49.602	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	108013	52.674	ug/l	98
22) Diisopropyl ether	3.770	45	367043	52.982	ug/l	95
23) Vinyl Acetate	3.733	43	1480616	242.107	ug/l	95
24) 1,1-Dichloroethane	3.617	63	199928	52.506	ug/l	98
25) 2-Butanone	4.568	43	496037	265.790	ug/l	92
26) 2,2-Dichloropropane	4.489	77	123482	39.651	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	124983	52.482	ug/l	100
28) Bromochloromethane	4.910	49	89357	50.284	ug/l	95
29) Tetrahydrofuran	5.019	42	330750	270.376	ug/l	90
30) Chloroform	5.105	83	208888	53.598	ug/l	96
31) Cyclohexane	5.483	56	181678	50.046	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	179329	53.840	ug/l	98
36) 1,1-Dichloropropene	5.696	75	149023	50.997	ug/l	99
37) Ethyl Acetate	4.727	43	172272	46.756	ug/l	95
38) Carbon Tetrachloride	5.684	117	154102	51.854	ug/l	98
39) Methylcyclohexane	7.385	83	183660	49.766	ug/l	98
40) Benzene	6.044	78	453670	52.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	101842	52.349	ug/l	92
42) 1,2-Dichloroethane	6.098	62	165315	51.603	ug/l	97
43) Isopropyl Acetate	6.355	43	278821	48.836	ug/l	93
44) Trichloroethene	7.129	130	122545	51.484	ug/l	97
45) 1,2-Dichloropropane	7.440	63	118788	51.811	ug/l	98
46) Dibromomethane	7.586	93	82846	53.272	ug/l	99
47) Bromodichloromethane	7.830	83	150955	53.878	ug/l	100
48) Methyl methacrylate	7.696	41	140212	53.027	ug/l	89
49) 1,4-Dioxane	7.665	88	59498	1056.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	954728	273.399	ug/l	91
52) Toluene	8.726	92	288072	53.667	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	164774	46.501	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	174180	49.869	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	120918	55.630	ug/l	97
56) Ethyl methacrylate	9.122	69	189420	54.365	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	198080	53.630	ug/l	99
59) 2-Hexanone	9.433	43	736618	277.781	ug/l	88
60) Dibromochloromethane	9.525	129	116692	48.500	ug/l	99
61) 1,2-Dibromoethane	9.616	107	128644	55.473	ug/l	99
64) Tetrachloroethene	9.281	164	120632	52.162	ug/l	97
65) Chlorobenzene	10.079	112	308461	51.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	114034	49.899	ug/l	99
67) Ethyl Benzene	10.195	91	547139	53.043	ug/l	98
68) m/p-Xylenes	10.305	106	419805	105.823	ug/l	96
69) o-Xylene	10.646	106	204634	52.029	ug/l	98
70) Styrene	10.659	104	337189	54.110	ug/l	99
71) Bromoform	10.805	173	80947	45.529	ug/l #	99
73) Isopropylbenzene	10.963	105	534613	52.636	ug/l	99
74) N-amyl acetate	10.848	43	219688	47.411	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	174412	52.715	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	156816m	52.942	ug/l	
77) Bromobenzene	11.201	156	133132	54.337	ug/l	93
78) n-propylbenzene	11.311	91	605180	52.647	ug/l	99
79) 2-Chlorotoluene	11.366	91	360125	52.428	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	437455	52.887	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	50327	45.686	ug/l	94
82) 4-Chlorotoluene	11.457	91	405952	52.240	ug/l	100
83) tert-Butylbenzene	11.719	119	427971	52.747	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	437020	53.116	ug/l	100
85) sec-Butylbenzene	11.896	105	544710	51.777	ug/l	100
86) p-Isopropyltoluene	12.012	119	449666	52.930	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	235438	51.940	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	231082	50.241	ug/l	99
89) n-Butylbenzene	12.335	91	387292	50.359	ug/l	97
90) Hexachloroethane	12.542	117	69604	45.908	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	226682	51.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37308	46.629	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	139355	50.536	ug/l	99
94) Hexachlorobutadiene	13.725	225	57225	46.243	ug/l	98
95) Naphthalene	13.780	128	508818	53.668	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144348	51.838	ug/l	100

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

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