

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020822.D
 Acq On : 29 Jan 2021 23:02
 Operator : JC/SP
 Sample : M1289-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:54:05 AM

Quant Time: Jan 30 02:41:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	281554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	451467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	435633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	226328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	182095	47.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.84%
35) Dibromofluoromethane	5.464	113	152358	49.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.54%
50) Toluene-d8	8.696	98	558590	49.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.54%
62) 4-Bromofluorobenzene	11.122	95	216524	49.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	213556	48.02	ug/l	100
3) Chloromethane	1.313	50	189594	47.87	ug/l	99
4) Vinyl Chloride	1.392	62	190129	48.15	ug/l	98
5) Bromomethane	1.624	94	86161	45.42	ug/l	99
6) Chloroethane	1.703	64	110942	49.64	ug/l	100
7) Trichlorofluoromethane	1.910	101	273328	51.03	ug/l	100
8) Diethyl Ether	2.166	74	96009	49.94	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	137055	50.12	ug/l	100
10) Methyl Iodide	2.483	142	191105	49.83	ug/l	92
11) Tert butyl alcohol	3.020	59	187119	261.00	ug/l	100
12) 1,1-Dichloroethene	2.349	96	135136	49.98	ug/l	94
13) Acrolein	2.270	56	147820	273.38	ug/l	99
14) Allyl chloride	2.703	41	235016	46.67	ug/l	96
15) Acrylonitrile	3.117	53	457973	252.38	ug/l	99
16) Acetone	2.422	43	357160	245.29	ug/l	97
17) Carbon Disulfide	2.544	76	400794	46.06	ug/l	99
18) Methyl Acetate	2.745	43	182105	48.95	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	522625	51.67	ug/l	99
20) Methylene Chloride	2.831	84	180420	49.10	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	166373	49.26	ug/l	98
22) Diisopropyl ether	3.824	45	494437	49.96	ug/l	94
23) Vinyl Acetate	3.782	43	1925905	236.51	ug/l	99
24) 1,1-Dichloroethane	3.666	63	300748	50.27	ug/l	99
25) 2-Butanone	4.635	43	567186	248.70	ug/l	99
26) 2,2-Dichloropropane	4.544	77	209273	43.59	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	186025	50.22	ug/l	98
28) Bromochloromethane	4.977	49	115512	45.04	ug/l	99
29) Tetrahydrofuran	5.086	42	370186	252.03	ug/l	99
30) Chloroform	5.172	83	316666	51.49	ug/l	98
31) Cyclohexane	5.544	56	246345	47.70	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	275541	50.90	ug/l	99
36) 1,1-Dichloropropene	5.769	75	223793	49.40	ug/l	99
37) Ethyl Acetate	4.794	43	204487	47.60	ug/l	99
38) Carbon Tetrachloride	5.751	117	244890	51.40	ug/l	96
39) Methylcyclohexane	7.440	83	246428	47.72	ug/l	96
40) Benzene	6.111	78	675465	50.61	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	121002	50.32	ug/l	99
42) 1,2-Dichloroethane	6.159	62	242285	50.91	ug/l	100
43) Isopropyl Acetate	6.409	43	323043	47.17	ug/l	100
44) Trichloroethene	7.184	130	176681	49.76	ug/l	100
45) 1,2-Dichloropropane	7.488	63	175464	50.45	ug/l	96
46) Dibromomethane	7.635	93	119957	51.38	ug/l	100
47) Bromodichloromethane	7.873	83	251915	51.08	ug/l	99
48) Methyl methacrylate	7.745	41	174343	50.39	ug/l	97
49) 1,4-Dioxane	7.714	88	95355	1174.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.622	43	1146427	265.26	ug/l	100
52) Toluene	8.763	92	434744	51.81	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	255822	49.29	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	271160	48.45	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	180464	51.80	ug/l	99
56) Ethyl methacrylate	9.159	69	257788	46.44	ug/l	97
57) 1,3-Dichloropropane	9.348	76	301384	51.57	ug/l	99
59) 2-Hexanone	9.470	43	873801	271.58	ug/l	100
60) Dibromochloromethane	9.561	129	200766	52.12	ug/l	98
61) 1,2-Dibromoethane	9.653	107	186520	51.73	ug/l	99
64) Tetrachloroethene	9.317	164	170395	51.02	ug/l	94
65) Chlorobenzene	10.122	112	466837	49.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	181479	51.87	ug/l	98
67) Ethyl Benzene	10.232	91	830254	50.80	ug/l	98
68) m/p-Xylenes	10.342	106	632748	103.83	ug/l	100
69) o-Xylene	10.683	106	301836	52.66	ug/l	98
70) Styrene	10.695	104	533840	54.24	ug/l	100
71) Bromoform	10.842	173	147258	52.43	ug/l	98
73) Isopropylbenzene	11.000	105	826659	50.53	ug/l	99
74) N-amyl acetate	10.878	43	279857	41.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	269750	48.94	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	259042m	49.35	ug/l	
77) Bromobenzene	11.238	156	210013	50.72	ug/l	98
78) n-propylbenzene	11.341	91	925557	49.01	ug/l	100
79) 2-Chlorotoluene	11.402	91	572301	49.61	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	711917	50.91	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	85729	45.77	ug/l	99
82) 4-Chlorotoluene	11.494	91	672881	49.28	ug/l	98
83) tert-Butylbenzene	11.756	119	677481	50.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	724417	51.37	ug/l	98
85) sec-Butylbenzene	11.933	105	777165	49.80	ug/l	99
86) p-Isopropyltoluene	12.049	119	715403	49.39	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	363384	48.16	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	366936	46.84	ug/l	98
89) n-Butylbenzene	12.372	91	595611	45.91	ug/l	99
90) Hexachloroethane	12.579	117	126820	48.63	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	359691	49.47	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	57612	47.16	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	221760	47.04	ug/l	95
94) Hexachlorobutadiene	13.762	225	87955	39.59	ug/l	98
95) Naphthalene	13.817	128	774886	44.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	227070	49.46	ug/l	99

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

