

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020823.D
 Acq On : 29 Jan 2021 23:25
 Operator : JC/SP
 Sample : M1289-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:54:06 AM

Quant Time: Jan 30 02:42:09 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	5.629	168	285068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	456354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	433738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	222680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	183197	47.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.24%		
35) Dibromofluoromethane	5.458	113	154180	49.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.64%		
50) Toluene-d8	8.696	98	560177	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.122	95	217570	48.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	214296	47.61	ug/l	99
3) Chloromethane	1.313	50	187906	46.86	ug/l	100
4) Vinyl Chloride	1.392	62	193225	48.33	ug/l	99
5) Bromomethane	1.618	94	87486	45.55	ug/l	99
6) Chloroethane	1.703	64	113305	50.07	ug/l	99
7) Trichlorofluoromethane	1.910	101	275560	50.81	ug/l	98
8) Diethyl Ether	2.166	74	97220	49.95	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.361	101	136667	49.36	ug/l	99
10) Methyl Iodide	2.489	142	203518	52.41	ug/l	94
11) Tert butyl alcohol	3.020	59	188398	259.55	ug/l	99
12) 1,1-Dichloroethene	2.349	96	137098	50.08	ug/l	94
13) Acrolein	2.270	56	154119	281.52	ug/l	98
14) Allyl chloride	2.703	41	236978	46.48	ug/l	95
15) Acrylonitrile	3.117	53	458738	249.68	ug/l	100
16) Acetone	2.416	43	355448	241.10	ug/l	99
17) Carbon Disulfide	2.544	76	397700	45.16	ug/l	99
18) Methyl Acetate	2.746	43	182164	48.36	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	532635	52.01	ug/l	99
20) Methylene Chloride	2.831	84	178617	48.01	ug/l	99
21) trans-1,2-Dichloroethene	3.136	96	165927	48.52	ug/l	99
22) Diisopropyl ether	3.825	45	499682	49.86	ug/l	94
23) Vinyl Acetate	3.782	43	1947204	236.18	ug/l	100
24) 1,1-Dichloroethane	3.666	63	297294	49.08	ug/l	99
25) 2-Butanone	4.635	43	567745	245.88	ug/l	99
26) 2,2-Dichloropropane	4.544	77	210662	43.34	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	187687	50.05	ug/l	99
28) Bromochloromethane	4.977	49	113225	43.61	ug/l	99
29) Tetrahydrofuran	5.087	42	370502	249.14	ug/l	99
30) Chloroform	5.172	83	320005	51.39	ug/l	98
31) Cyclohexane	5.544	56	249708	47.76	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	281267	51.32	ug/l	98
36) 1,1-Dichloropropene	5.763	75	224900	49.11	ug/l	99
37) Ethyl Acetate	4.794	43	207298	47.74	ug/l	99
38) Carbon Tetrachloride	5.751	117	251155	52.15	ug/l	98
39) Methylcyclohexane	7.434	83	248113	47.53	ug/l	98
40) Benzene	6.111	78	685612	50.82	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	120863	49.73	ug/l	99
42) 1,2-Dichloroethane	6.160	62	243996	50.72	ug/l	99
43) Isopropyl Acetate	6.410	43	329995	47.67	ug/l	100
44) Trichloroethene	7.190	130	180828	50.38	ug/l	94
45) 1,2-Dichloropropane	7.489	63	177453	50.47	ug/l	97
46) Dibromomethane	7.635	93	120789	51.19	ug/l	99
47) Bromodichloromethane	7.873	83	255609	51.27	ug/l	99
48) Methyl methacrylate	7.745	41	178104	50.92	ug/l	97
49) 1,4-Dioxane	7.714	88	93403	1138.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1126959	257.96	ug/l	99
52) Toluene	8.763	92	439528	51.82	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	257251	49.03	ug/l	96
54) cis-1,3-Dichloropropene	8.409	75	274530	48.53	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	184412	52.36	ug/l	96
56) Ethyl methacrylate	9.159	69	263803	46.98	ug/l	97
57) 1,3-Dichloropropane	9.348	76	306050	51.80	ug/l	100
59) 2-Hexanone	9.470	43	873184	268.48	ug/l	99
60) Dibromochloromethane	9.561	129	204118	52.43	ug/l	99
61) 1,2-Dibromoethane	9.653	107	189749	52.06	ug/l	99
64) Tetrachloroethene	9.318	164	172678	51.93	ug/l	94
65) Chlorobenzene	10.116	112	470025	50.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	182513	52.40	ug/l	99
67) Ethyl Benzene	10.232	91	836001	51.38	ug/l	100
68) m/p-Xylenes	10.342	106	635464	104.74	ug/l	99
69) o-Xylene	10.683	106	305694	53.57	ug/l	99
70) Styrene	10.695	104	525295	53.61	ug/l	99
71) Bromoform	10.836	173	148400	53.07	ug/l	99
73) Isopropylbenzene	11.000	105	830051	51.57	ug/l	100
74) N-amyl acetate	10.878	43	285055	42.40	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	274823	50.68	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	263578m	51.04	ug/l	
77) Bromobenzene	11.238	156	206197	50.62	ug/l	98
78) n-propylbenzene	11.342	91	934951	50.32	ug/l	100
79) 2-Chlorotoluene	11.403	91	578552	50.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	712766	51.81	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	85958	46.64	ug/l	99
82) 4-Chlorotoluene	11.494	91	674670	50.22	ug/l	98
83) tert-Butylbenzene	11.756	119	674443	50.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.787	105	727169	52.41	ug/l	98
85) sec-Butylbenzene	11.927	105	775588	50.51	ug/l	100
86) p-Isopropyltoluene	12.049	119	730051	51.23	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	372435	50.17	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	370859	48.11	ug/l	97
89) n-Butylbenzene	12.372	91	597599	46.82	ug/l	99
90) Hexachloroethane	12.579	117	125581	48.94	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	368012	51.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	59883	49.82	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	227943	49.14	ug/l	98
94) Hexachlorobutadiene	13.762	225	90400	41.36	ug/l	99
95) Naphthalene	13.817	128	787109	46.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	227707	50.41	ug/l	99

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

