

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021613.D
 Acq On : 30 Mar 2021 06:08
 Operator : JC/MD
 Sample : M1843-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210324MS

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:34:03 PM

Quant Time: Mar 30 06:58:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	84624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	141925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	64891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	73988	52.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.10%			
35) Dibromofluoromethane	5.470	113	53316	52.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.78%			
50) Toluene-d8	8.694	98	184702	51.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.82%			
62) 4-Bromofluorobenzene	11.118	95	70556	50.52	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	43185	46.43	ug/l	98
3) Chloromethane	1.311	50	50625	47.35	ug/l	100
4) Vinyl Chloride	1.393	62	46416	48.79	ug/l	99
5) Bromomethane	1.623	94	21133	55.19	ug/l	95
6) Chloroethane	1.699	64	29504	48.90	ug/l	100
7) Trichlorofluoromethane	1.911	101	76834	49.66	ug/l	98
8) Diethyl Ether	2.170	74	26565	49.47	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.364	101	41360	47.48	ug/l	96
10) Methyl Iodide	2.487	142	37109	53.95	ug/l #	88
11) Tert butyl alcohol	3.023	59	56052	240.80	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40196	47.13	ug/l	89
13) Acrolein	2.276	56	16666	143.80	ug/l	98
14) Allyl chloride	2.705	41	78712	45.47	ug/l #	88
15) Acrylonitrile	3.117	53	137099	247.83	ug/l	97
16) Acetone	2.423	43	134173	252.03	ug/l #	86
17) Carbon Disulfide	2.546	76	100529	41.98	ug/l	100
18) Methyl Acetate	2.746	43	66811	43.44	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	162468	51.01	ug/l	99
20) Methylene Chloride	2.829	84	49594	47.74	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	44596	47.61	ug/l	93
22) Diisopropyl ether	3.823	45	168304	50.04	ug/l	95
23) Vinyl Acetate	3.782	43	542127	190.58	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	90194	49.75	ug/l	98
25) 2-Butanone	4.635	43	199888	247.68	ug/l	90
26) 2,2-Dichloropropane	4.552	77	48613	30.95	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	84378	77.57	ug/l	98
28) Bromochloromethane	4.976	49	48398	53.32	ug/l	86
29) Tetrahydrofuran	5.088	42	128623	245.82	ug/l #	86
30) Chloroform	5.176	83	97473	50.94	ug/l	100
31) Cyclohexane	5.547	56	72870	47.06	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	85897	50.66	ug/l	96
36) 1,1-Dichloropropene	5.764	75	64580	46.44	ug/l	98
37) Ethyl Acetate	4.793	43	60820	37.82	ug/l #	93
38) Carbon Tetrachloride	5.752	117	74582	49.91	ug/l	99
39) Methylcyclohexane	7.441	83	69011	44.76	ug/l	93
40) Benzene	6.111	78	194296	49.20	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	43292	46.42	ug/l	89
42) 1,2-Dichloroethane	6.158	62	85422	49.89	ug/l	93
43) Isopropyl Acetate	6.411	43	111226	42.60	ug/l #	90
44) Trichloroethene	7.188	130	156031	149.73	ug/l	99
45) 1,2-Dichloropropane	7.488	63	53319	49.84	ug/l	96
46) Dibromomethane	7.635	93	38070	48.83	ug/l	93
47) Bromodichloromethane	7.870	83	79696	50.23	ug/l	97
48) Methyl methacrylate	7.747	41	67781	48.67	ug/l #	82
49) 1,4-Dioxane	7.712	88	25093	1006.37	ug/l #	91
51) 4-Methyl-2-Pentanone	8.618	43	402810	250.83	ug/l	88
52) Toluene	8.765	92	120966	49.59	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	74760	46.66	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	78591	46.09	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	52350	50.85	ug/l	98
56) Ethyl methacrylate	9.159	69	77510	44.80	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	87593	49.72	ug/l	100
59) 2-Hexanone	9.471	43	303123	251.38	ug/l	85
60) Dibromochloromethane	9.565	129	59824	51.88	ug/l	99
61) 1,2-Dibromoethane	9.653	107	54687	49.45	ug/l	99
64) Tetrachloroethene	9.318	164	62876	70.86	ug/l	92
65) Chlorobenzene	10.118	112	128655	48.35	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.200	131	52544	51.53	ug/l	100
67) Ethyl Benzene	10.235	91	235702	48.60	ug/l	99
68) m/p-Xylenes	10.341	106	169911	98.33	ug/l	92
69) o-Xylene	10.682	106	81750	48.85	ug/l	92
70) Styrene	10.694	104	144272	50.13	ug/l	96
71) Bromoform	10.841	173	42800	51.65	ug/l #	96
73) Isopropylbenzene	11.000	105	226740	49.73	ug/l	100
74) N-amyl acetate	10.883	43	84137	38.14	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	77772	48.28	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	75221m	49.79	ug/l	
77) Bromobenzene	11.236	156	55887	49.45	ug/l	97
78) n-propylbenzene	11.341	91	266131	49.43	ug/l	97
79) 2-Chlorotoluene	11.406	91	159584	48.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	191134	49.07	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	21223	42.79	ug/l #	85
82) 4-Chlorotoluene	11.494	91	187526	48.36	ug/l	96
83) tert-Butylbenzene	11.753	119	184386	48.62	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	191929	48.88	ug/l	97
85) sec-Butylbenzene	11.930	105	209217	47.83	ug/l	100
86) p-Isopropyltoluene	12.047	119	192105	48.24	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	97442	47.88	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	96883	46.02	ug/l	98
89) n-Butylbenzene	12.371	91	165948	45.48	ug/l	96
90) Hexachloroethane	12.577	117	35020	48.73	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	97899	49.47	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18479	45.69	ug/l	84
93) 1,2,4-Trichlorobenzene	13.624	180	60383	46.56	ug/l	95
94) Hexachlorobutadiene	13.765	225	25375	43.35	ug/l	97
95) Naphthalene	13.812	128	212166	50.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	62807	48.45	ug/l	97

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

