

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021614.D
 Acq On : 30 Mar 2021 06:31
 Operator : JC/MD
 Sample : M1843-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210324MSD

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:34:09 PM

Quant Time: Mar 30 06:58:49 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	82868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	140378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	133378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	65544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	71836	52.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.20%			
35) Dibromofluoromethane	5.464	113	52106	52.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.52%			
50) Toluene-d8	8.694	98	182965	51.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.98%			
62) 4-Bromofluorobenzene	11.118	95	73433	53.16	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	41869	45.97	ug/l	98
3) Chloromethane	1.311	50	49527	47.30	ug/l	99
4) Vinyl Chloride	1.393	62	45568	48.91	ug/l	100
5) Bromomethane	1.623	94	19923	53.14	ug/l	100
6) Chloroethane	1.699	64	28319	47.93	ug/l	96
7) Trichlorofluoromethane	1.911	101	73771	48.69	ug/l	97
8) Diethyl Ether	2.170	74	25566	48.62	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.358	101	39441	46.24	ug/l	97
10) Methyl Iodide	2.487	142	37896	55.98	ug/l #	90
11) Tert butyl alcohol	3.017	59	56056	245.92	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37848	45.32	ug/l	83
13) Acrolein	2.276	56	16402	144.50	ug/l	96
14) Allyl chloride	2.705	41	76258	44.99	ug/l #	88
15) Acrylonitrile	3.117	53	131957	243.59	ug/l	97
16) Acetone	2.423	43	128066	245.65	ug/l	88
17) Carbon Disulfide	2.546	76	96617	41.20	ug/l	99
18) Methyl Acetate	2.746	43	63258	42.00	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	153956	49.37	ug/l	98
20) Methylene Chloride	2.829	84	47952	47.13	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	43902	47.86	ug/l	91
22) Diisopropyl ether	3.823	45	160088	48.61	ug/l	94
23) Vinyl Acetate	3.782	43	523627	187.97	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	86995	49.00	ug/l	97
25) 2-Butanone	4.635	43	192103	243.08	ug/l	90
26) 2,2-Dichloropropane	4.552	77	47085	30.61	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	81300	76.32	ug/l	98
28) Bromochloromethane	4.976	49	46645	52.48	ug/l	87
29) Tetrahydrofuran	5.088	42	123086	240.22	ug/l	86
30) Chloroform	5.176	83	93391	49.84	ug/l	97
31) Cyclohexane	5.541	56	70531	46.52	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	81669	49.18	ug/l	95
36) 1,1-Dichloropropene	5.764	75	63843	46.42	ug/l	96
37) Ethyl Acetate	4.794	43	57774	36.33	ug/l #	94
38) Carbon Tetrachloride	5.753	117	72777	49.24	ug/l	97
39) Methylcyclohexane	7.435	83	67566	44.31	ug/l	92
40) Benzene	6.111	78	187801	48.08	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	42550	46.13	ug/l	88
42) 1,2-Dichloroethane	6.158	62	82831	48.91	ug/l	93
43) Isopropyl Acetate	6.411	43	107822	41.75	ug/l #	91
44) Trichloroethene	7.188	130	151881	147.35	ug/l	98
45) 1,2-Dichloropropane	7.488	63	51219	48.41	ug/l	95
46) Dibromomethane	7.635	93	37654	48.83	ug/l	93
47) Bromodichloromethane	7.870	83	76691	48.87	ug/l	98
48) Methyl methacrylate	7.747	41	65737	47.72	ug/l #	82
49) 1,4-Dioxane	7.712	88	25927	1051.28	ug/l #	91
51) 4-Methyl-2-Pentanone	8.618	43	395417	248.94	ug/l	88
52) Toluene	8.765	92	116704	48.37	ug/l	96
53) t-1,3-Dichloropropene	9.024	75	72633	45.83	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	75503	44.77	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	51301	50.38	ug/l	98
56) Ethyl methacrylate	9.159	69	75661	44.24	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	84320	48.39	ug/l	100
59) 2-Hexanone	9.471	43	299941	251.48	ug/l	85
60) Dibromochloromethane	9.565	129	58273	51.10	ug/l	97
61) 1,2-Dibromoethane	9.653	107	53556	48.96	ug/l	99
64) Tetrachloroethene	9.318	164	63496	71.07	ug/l	96
65) Chlorobenzene	10.118	112	129423	48.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	50455	49.14	ug/l	98
67) Ethyl Benzene	10.235	91	234371	47.99	ug/l	100
68) m/p-Xylenes	10.341	106	171702	98.68	ug/l	94
69) o-Xylene	10.683	106	83726	49.68	ug/l	93
70) Styrene	10.694	104	144518	49.86	ug/l	96
71) Bromoform	10.841	173	41646	49.91	ug/l #	100
73) Isopropylbenzene	11.000	105	225903	49.05	ug/l	100
74) N-amyl acetate	10.883	43	84917	38.11	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	80303	49.35	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	76206m	49.94	ug/l	
77) Bromobenzene	11.236	156	57581	50.44	ug/l	97
78) n-propylbenzene	11.342	91	264330	48.60	ug/l	98
79) 2-Chlorotoluene	11.406	91	164074	49.73	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	192971	49.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	21138	42.20	ug/l #	83
82) 4-Chlorotoluene	11.494	91	193273	49.34	ug/l	97
83) tert-Butylbenzene	11.753	119	190234	49.66	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	201954	50.92	ug/l	97
85) sec-Butylbenzene	11.930	105	217618	49.25	ug/l	99
86) p-Isopropyltoluene	12.047	119	196175	48.77	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	98250	47.79	ug/l	96
88) 1,4-Dichlorobenzene	12.077	146	104094	48.95	ug/l	99
89) n-Butylbenzene	12.371	91	172568	46.83	ug/l	96
90) Hexachloroethane	12.577	117	35030	48.26	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	102640	51.35	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18758	45.91	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	61598	47.02	ug/l	98
94) Hexachlorobutadiene	13.765	225	25307	42.80	ug/l	96
95) Naphthalene	13.812	128	206911	48.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	61824	47.21	ug/l	96

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

