

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021341.D
 Acq On : 20 Mar 2021 10:56
 Operator : JC/MD
 Sample : M1735-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20210315MS

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:15 AM

Quant Time: Mar 22 00:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	72757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61924	51.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.78%			
35) Dibromofluoromethane	5.464	113	43657	51.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.64%			
50) Toluene-d8	8.694	98	153902	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.118	95	58488	49.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.54%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	41998	48.32	ug/l	100
3) Chloromethane	1.311	50	54035	42.88	ug/l	99
4) Vinyl Chloride	1.393	62	44760	50.56	ug/l	98
5) Bromomethane	1.622	94	20355	52.64	ug/l	93
6) Chloroethane	1.705	64	28103	51.95	ug/l	99
7) Trichlorofluoromethane	1.911	101	71601	53.65	ug/l	98
8) Diethyl Ether	2.170	74	24534	52.25	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.364	101	38877	51.13	ug/l	96
10) Methyl Iodide	2.487	142	31350	47.23	ug/l #	89
11) Tert butyl alcohol	3.017	59	51023	254.50	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37535	50.60	ug/l	83
13) Acrolein	2.275	56	32729	272.88	ug/l	98
14) Allyl chloride	2.705	41	73943	48.37	ug/l #	88
15) Acrylonitrile	3.117	53	123671	265.31	ug/l	97
16) Acetone	2.423	43	120455	274.33	ug/l	88
17) Carbon Disulfide	2.546	76	100702	46.68	ug/l	100
18) Methyl Acetate	2.746	43	50069	41.61	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	149273	53.63	ug/l	98
20) Methylene Chloride	2.834	84	45087	49.93	ug/l	87
21) trans-1,2-Dichloroethene	3.140	96	41057	49.58	ug/l	87
22) Diisopropyl ether	3.823	45	157728	53.70	ug/l	96
23) Vinyl Acetate	3.782	43	533822	208.34	ug/l #	91
24) 1,1-Dichloroethane	3.670	63	83408	52.59	ug/l	97
25) 2-Butanone	4.635	43	180479	267.30	ug/l #	87
26) 2,2-Dichloropropane	4.552	77	44390	32.08	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	49256	51.77	ug/l	94
28) Bromochloromethane	4.982	49	39365	52.68	ug/l	85
29) Tetrahydrofuran	5.088	42	116215	260.61	ug/l #	86
30) Chloroform	5.176	83	89672	54.31	ug/l	99
31) Cyclohexane	5.546	56	71178	49.34	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	78573	53.70	ug/l	95
36) 1,1-Dichloropropene	5.764	75	62031	49.73	ug/l	97
37) Ethyl Acetate	4.788	43	56961	39.40	ug/l #	93
38) Carbon Tetrachloride	5.752	117	69067	53.31	ug/l	98
39) Methylcyclohexane	7.441	83	66638	48.11	ug/l	93
40) Benzene	6.111	78	180605	52.54	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	39857	48.05	ug/l	90
42) 1,2-Dichloroethane	6.164	62	79115	53.34	ug/l	93
43) Isopropyl Acetate	6.411	43	103638	43.72	ug/l #	90
44) Trichloroethene	7.188	130	50538	55.34	ug/l	92
45) 1,2-Dichloropropane	7.488	63	49212	53.28	ug/l	98
46) Dibromomethane	7.635	93	35419	52.40	ug/l	90
47) Bromodichloromethane	7.876	83	71359	52.64	ug/l	98
48) Methyl methacrylate	7.741	41	63034	50.13	ug/l #	82
49) 1,4-Dioxane	7.711	88	22708	1061.06	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	364414	264.22	ug/l	88
52) Toluene	8.765	92	110824	52.13	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	67429	46.89	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	71760	46.73	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	46893	53.92	ug/l	99
56) Ethyl methacrylate	9.159	69	71088	50.83	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	79911	52.80	ug/l	100
59) 2-Hexanone	9.471	43	271007	262.53	ug/l	85
60) Dibromochloromethane	9.565	129	52984	53.49	ug/l	100
61) 1,2-Dibromoethane	9.653	107	49324	51.75	ug/l	100
64) Tetrachloroethene	9.318	164	40601	46.97	ug/l	95
65) Chlorobenzene	10.118	112	117930	49.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	46884	53.11	ug/l	99
67) Ethyl Benzene	10.235	91	217881	49.51	ug/l	97
68) m/p-Xylenes	10.341	106	156136	99.31	ug/l	92
69) o-Xylene	10.682	106	76864	50.31	ug/l	94
70) Styrene	10.694	104	128771	50.23	ug/l	95
71) Bromoform	10.841	173	37165	52.07	ug/l #	98
73) Isopropylbenzene	11.000	105	207961	50.57	ug/l	99
74) N-amyl acetate	10.882	43	79911	38.30	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	71119	52.09	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	67973m	52.92	ug/l	
77) Bromobenzene	11.235	156	51012	52.27	ug/l	95
78) n-propylbenzene	11.341	91	241178	50.14	ug/l	98
79) 2-Chlorotoluene	11.400	91	145222	49.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	177560	51.02	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	18678	39.48	ug/l #	83
82) 4-Chlorotoluene	11.494	91	170106	49.46	ug/l	98
83) tert-Butylbenzene	11.753	119	172072	51.94	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	178063	50.32	ug/l	96
85) sec-Butylbenzene	11.930	105	198097	50.73	ug/l	99
86) p-Isopropyltoluene	12.047	119	180041	50.32	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	88911	49.96	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	89374	49.11	ug/l	98
89) n-Butylbenzene	12.371	91	153776	47.16	ug/l	98
90) Hexachloroethane	12.577	117	32150	59.00	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	88625	51.06	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16974	48.48	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	54424	47.70	ug/l	97
94) Hexachlorobutadiene	13.765	225	21407	44.71	ug/l	93
95) Naphthalene	13.818	128	194295	49.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	57482	50.58	ug/l	98

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

