

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021692.D
 Acq On : 31 Mar 2021 17:48
 Operator : JC/MD
 Sample : M1842-22MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20210323MS

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 4:13:47 PM

Quant Time: Apr 01 03:28:05 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	5.635	168	71899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57905	48.40	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.80%		
35) Dibromofluoromethane	5.464	113	40966	48.84	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.68%		
50) Toluene-d8	8.694	98	142554	47.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.38%		
62) 4-Bromofluorobenzene	11.118	95	53998	46.46	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	35170	44.50	ug/l	100
3) Chloromethane	1.311	50	41033	45.17	ug/l	100
4) Vinyl Chloride	1.393	62	39395	48.74	ug/l	99
5) Bromomethane	1.622	94	18336	56.36	ug/l	100
6) Chloroethane	1.699	64	25424	49.59	ug/l	97
7) Trichlorofluoromethane	1.911	101	66813	50.82	ug/l	96
8) Diethyl Ether	2.170	74	23148	50.74	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.364	101	36483	49.30	ug/l	97
10) Methyl Iodide	2.487	142	33308	56.62	ug/l #	88
11) Tert butyl alcohol	3.023	59	49029	247.91	ug/l	96
12) 1,1-Dichloroethene	2.352	96	35044	48.36	ug/l	92
13) Acrolein	2.275	56	24701	247.65	ug/l	100
14) Allyl chloride	2.705	41	70752	48.11	ug/l #	89
15) Acrylonitrile	3.117	53	120631	256.65	ug/l	98
16) Acetone	2.423	43	114891	254.00	ug/l	89
17) Carbon Disulfide	2.546	76	82446	40.52	ug/l	98
18) Methyl Acetate	2.752	43	68191	52.18	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	136636	50.50	ug/l	98
20) Methylene Chloride	2.834	84	42881	48.58	ug/l	86
21) trans-1,2-Dichloroethene	3.140	96	38854	48.82	ug/l	96
22) Diisopropyl ether	3.829	45	146294	51.20	ug/l	94
23) Vinyl Acetate	3.787	43	555750	229.94	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	79369	51.52	ug/l	98
25) 2-Butanone	4.635	43	176564	257.50	ug/l	90
26) 2,2-Dichloropropane	4.552	77	58282	43.67	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	46553	50.37	ug/l	92
28) Bromochloromethane	4.982	49	37355	48.44	ug/l	85
29) Tetrahydrofuran	5.093	42	112946	254.06	ug/l	86
30) Chloroform	5.176	83	85877	52.82	ug/l	100
31) Cyclohexane	5.552	56	61309	46.61	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	74044	51.39	ug/l	95
36) 1,1-Dichloropropene	5.770	75	55942	48.35	ug/l	98
37) Ethyl Acetate	4.793	43	60144	44.95	ug/l #	93
38) Carbon Tetrachloride	5.752	117	64110	51.56	ug/l	99
39) Methylcyclohexane	7.441	83	59222	46.17	ug/l	89
40) Benzene	6.111	78	166981	50.82	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	38685	49.85	ug/l	90
42) 1,2-Dichloroethane	6.164	62	73012	51.25	ug/l	94
43) Isopropyl Acetate	6.411	43	103093	47.46	ug/l #	91
44) Trichloroethene	7.188	130	45081	51.99	ug/l	94
45) 1,2-Dichloropropane	7.488	63	46325	52.04	ug/l	100
46) Dibromomethane	7.635	93	32641	50.31	ug/l	95
47) Bromodichloromethane	7.876	83	69243	52.45	ug/l	98
48) Methyl methacrylate	7.747	41	58832	50.77	ug/l #	82
49) 1,4-Dioxane	7.711	88	22238	1071.85	ug/l #	91
51) 4-Methyl-2-Pentanone	8.617	43	351465	263.03	ug/l	88
52) Toluene	8.765	92	102824	50.66	ug/l	96
53) t-1,3-Dichloropropene	9.023	75	66166	49.63	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	69669	49.11	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	45185	52.75	ug/l	98
56) Ethyl methacrylate	9.159	69	65702	45.60	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	75137	51.26	ug/l	99
59) 2-Hexanone	9.470	43	264352	263.47	ug/l	84
60) Dibromochloromethane	9.565	129	50024	52.14	ug/l	97
61) 1,2-Dibromoethane	9.653	107	46672	50.72	ug/l	99
64) Tetrachloroethene	9.318	164	41083	56.61	ug/l	93
65) Chlorobenzene	10.118	112	110282	50.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	44437	53.28	ug/l	99
67) Ethyl Benzene	10.235	91	199322	50.24	ug/l	99
68) m/p-Xylenes	10.341	106	146861	103.91	ug/l	93
69) o-Xylene	10.682	106	70472	51.48	ug/l	93
70) Styrene	10.694	104	121246	51.50	ug/l	95
71) Bromoform	10.841	173	36516	53.88	ug/l #	98
73) Isopropylbenzene	11.000	105	199033	53.09	ug/l	97
74) N-amyl acetate	10.882	43	84095	46.36	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	68472	51.69	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	64556m	51.97	ug/l	
77) Bromobenzene	11.241	156	47047	50.62	ug/l	96
78) n-propylbenzene	11.341	91	224133	50.62	ug/l	98
79) 2-Chlorotoluene	11.406	91	135919	50.61	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	166300	51.92	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	19985	49.01	ug/l #	85
82) 4-Chlorotoluene	11.494	91	160341	50.28	ug/l	97
83) tert-Butylbenzene	11.753	119	155878	49.99	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	166934	51.70	ug/l	97
85) sec-Butylbenzene	11.930	105	181227	50.38	ug/l	98
86) p-Isopropyltoluene	12.047	119	168336	51.41	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	84265	50.35	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	83858	48.44	ug/l	98
89) n-Butylbenzene	12.371	91	144199	48.07	ug/l	96
90) Hexachloroethane	12.577	117	28414	48.08	ug/l	98
91) 1,2-Dichlorobenzene	12.371	146	84762	52.09	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16145	48.43	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	51500	48.29	ug/l	99
94) Hexachlorobutadiene	13.765	225	21725	45.13	ug/l	97
95) Naphthalene	13.818	128	177972	51.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	52128	48.90	ug/l	98

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

