

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021025.D
 Acq On : 05 Mar 2021 11:42
 Operator : JC/MD
 Sample : VX0307WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:47:38 AM

Quant Time: Mar 05 23:55:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	232263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	384915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	356175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	167150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	148517	47.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.68%			
35) Dibromofluoromethane	5.470	113	121480	51.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.88%			
50) Toluene-d8	8.694	98	474334	52.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.04%			
62) 4-Bromofluorobenzene	11.118	95	174549	51.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	41924	16.69	ug/l	99
3) Chloromethane	1.311	50	49862	17.87	ug/l	100
4) Vinyl Chloride	1.393	62	55627	17.32	ug/l	99
5) Bromomethane	1.629	94	36362	31.63	ug/l	97
6) Chloroethane	1.711	64	36510	18.16	ug/l	99
7) Trichlorofluoromethane	1.917	101	72723	17.93	ug/l	96
8) Diethyl Ether	2.170	74	32551	17.30	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.370	101	43868	17.56	ug/l	97
10) Methyl Iodide	2.493	142	52878	15.75	ug/l	97
11) Tert butyl alcohol	3.005	59	49724	71.17	ug/l	99
12) 1,1-Dichloroethene	2.358	96	43890	16.88	ug/l	92
13) Acrolein	2.276	56	47242	109.20	ug/l	100
14) Allyl chloride	2.711	41	70540	16.61	ug/l	99
15) Acrylonitrile	3.117	53	129914	87.15	ug/l	100
16) Acetone	2.417	43	117450	90.86	ug/l	97
17) Carbon Disulfide	2.552	76	121662	16.43	ug/l	100
18) Methyl Acetate	2.746	43	52524	17.18	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	159281	17.15	ug/l	100
20) Methylene Chloride	2.840	84	53784	17.34	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	49470	16.94	ug/l	98
22) Diisopropyl ether	3.829	45	146607	17.16	ug/l	92
23) Vinyl Acetate	3.782	43	615258	84.23	ug/l	99
24) 1,1-Dichloroethane	3.670	63	89189	17.73	ug/l	99
25) 2-Butanone	4.635	43	169248	86.18	ug/l	100
26) 2,2-Dichloropropane	4.552	77	74989	16.41	ug/l	100
27) cis-1,2-Dichloroethene	4.570	96	58754	17.46	ug/l	98
28) Bromochloromethane	4.982	49	38459	17.87	ug/l	98
29) Tetrahydrofuran	5.088	42	106186	84.24	ug/l	100
30) Chloroform	5.182	83	89207	17.60	ug/l	99
31) Cyclohexane	5.553	56	78384	17.26	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	76741	17.38	ug/l	99
36) 1,1-Dichloropropene	5.770	75	68799	18.80	ug/l	99
37) Ethyl Acetate	4.794	43	64242	18.46	ug/l	99
38) Carbon Tetrachloride	5.758	117	64134	18.09	ug/l	96
39) Methylcyclohexane	7.441	83	86471	18.85	ug/l	97
40) Benzene	6.117	78	204568	18.65	ug/l	99

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41) Methacrylonitrile	5.000	41	35890	18.33	ug/l	99
42) 1,2-Dichloroethane	6.164	62	72196	19.80	ug/l	99
43) Isopropyl Acetate	6.411	43	105373	17.80	ug/l	100
44) Trichloroethene	7.188	130	57477	19.93	ug/l	94
45) 1,2-Dichloropropane	7.494	63	53157	19.34	ug/l	97
46) Dibromomethane	7.641	93	35457	19.16	ug/l	98
47) Bromodichloromethane	7.876	83	72638	18.85	ug/l	99
48) Methyl methacrylate	7.747	41	54392	18.31	ug/l	99
49) 1,4-Dioxane	7.718	88	21511	310.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	322265	93.48	ug/l	100
52) Toluene	8.765	92	135219	19.80	ug/l	97
53) t-1,3-Dichloropropene	9.024	75	79687	18.44	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	88731	18.74	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	54418	20.17	ug/l	97
56) Ethyl methacrylate	9.159	69	80439	18.41	ug/l	99
57) 1,3-Dichloropropane	9.353	76	91047	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	203778	95.40	ug/l	97
59) 2-Hexanone	9.471	43	242357	93.70	ug/l	100
60) Dibromochloromethane	9.565	129	57989	20.36	ug/l	98
61) 1,2-Dibromoethane	9.653	107	55838	19.74	ug/l	99
64) Tetrachloroethene	9.318	164	56306	21.90	ug/l	98
65) Chlorobenzene	10.124	112	142718	19.03	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	50628	18.30	ug/l	98
67) Ethyl Benzene	10.236	91	251221	18.47	ug/l	98
68) m/p-Xylenes	10.341	106	194123	38.79	ug/l	96
69) o-Xylene	10.683	106	91313	18.69	ug/l	99
70) Styrene	10.694	104	159216	19.00	ug/l	98
71) Bromoform	10.836	173	38635	18.07	ug/l #	97
73) Isopropylbenzene	11.000	105	246102	18.64	ug/l	100
74) N-amyl acetate	10.883	43	89696	16.78	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	74288	17.45	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	76067m	21.15	ug/l	
77) Bromobenzene	11.242	156	59181	19.26	ug/l	98
78) n-propylbenzene	11.342	91	279910	18.59	ug/l	99
79) 2-Chlorotoluene	11.406	91	166064	18.20	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	202855	18.46	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	25517	15.71	ug/l	98
82) 4-Chlorotoluene	11.494	91	189005	17.97	ug/l	100
83) tert-Butylbenzene	11.753	119	194660	18.21	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	202734	18.18	ug/l	98
85) sec-Butylbenzene	11.930	105	230963	18.34	ug/l	100
86) p-Isopropyltoluene	12.047	119	213384	18.49	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	104544	19.01	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	99007	17.67	ug/l	96
89) n-Butylbenzene	12.371	91	180396	17.51	ug/l	99
90) Hexachloroethane	12.577	117	35642	16.17	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	100436	18.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16051	16.47	ug/l	94
93) 1,2,4-Trichlorobenzene	13.630	180	61990	18.00	ug/l	98
94) Hexachlorobutadiene	13.765	225	23921	17.35	ug/l	99
95) Naphthalene	13.818	128	204947	16.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	58990	17.25	ug/l	97

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

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