

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021007.D
 Acq On : 04 Mar 2021 12:13
 Operator : JC/MD
 Sample : VX0306WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:10:21 AM

Quant Time: Mar 04 13:35:54 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	226816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	382733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	353136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	161008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	144322	47.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.22%		
35) Dibromofluoromethane	5.464	113	117089	50.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.70%		
50) Toluene-d8	8.694	98	457939	50.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.02%		
62) 4-Bromofluorobenzene	11.118	95	165419	49.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	41701	17.00	ug/l	99
3) Chloromethane	1.310	50	50651	18.59	ug/l	100
4) Vinyl Chloride	1.393	62	57305	18.27	ug/l	100
5) Bromomethane	1.628	94	35018	31.09	ug/l	99
6) Chloroethane	1.711	64	37170	18.94	ug/l	99
7) Trichlorofluoromethane	1.916	101	72584	18.33	ug/l	93
8) Diethyl Ether	2.169	74	32824	17.86	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.369	101	44650	18.30	ug/l	95
10) Methyl Iodide	2.493	142	53240	16.24	ug/l	96
11) Tert butyl alcohol	3.005	59	49871	73.10	ug/l	99
12) 1,1-Dichloroethene	2.358	96	44477	17.52	ug/l	99
13) Acrolein	2.269	56	38755	91.74	ug/l	99
14) Allyl chloride	2.711	41	71530	17.24	ug/l	100
15) Acrylonitrile	3.111	53	127216	87.39	ug/l	100
16) Acetone	2.416	43	112598	89.19	ug/l	99
17) Carbon Disulfide	2.552	76	123831	17.12	ug/l	99
18) Methyl Acetate	2.746	43	51867	17.37	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	157498	17.37	ug/l	98
20) Methylene Chloride	2.834	84	53039	17.51	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	50698	17.78	ug/l	99
22) Diisopropyl ether	3.823	45	148083	17.75	ug/l	99
23) Vinyl Acetate	3.781	43	619140	86.80	ug/l	100
24) 1,1-Dichloroethane	3.670	63	89818	18.28	ug/l	99
25) 2-Butanone	4.629	43	163977	85.51	ug/l	99
26) 2,2-Dichloropropane	4.552	77	74671	16.74	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	58188	17.71	ug/l	99
28) Bromochloromethane	4.982	49	39403	18.75	ug/l	99
29) Tetrahydrofuran	5.087	42	104197	84.65	ug/l	99
30) Chloroform	5.176	83	90337	18.25	ug/l	99
31) Cyclohexane	5.546	56	77920	17.57	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	76930	17.84	ug/l	98
36) 1,1-Dichloropropene	5.770	75	68770	18.90	ug/l	99
37) Ethyl Acetate	4.793	43	62583	18.08	ug/l	99
38) Carbon Tetrachloride	5.752	117	64710	18.36	ug/l	97
39) Methylcyclohexane	7.441	83	85111	18.66	ug/l	99
40) Benzene	6.111	78	208402	19.11	ug/l	100

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41) Methacrylonitrile	4.999	41	36576	18.79	ug/l	99
42) 1,2-Dichloroethane	6.158	62	73012	20.14	ug/l	99
43) Isopropyl Acetate	6.405	43	103419	17.57	ug/l	99
44) Trichloroethene	7.188	130	56987	19.88	ug/l	95
45) 1,2-Dichloropropane	7.488	63	53533	19.59	ug/l	99
46) Dibromomethane	7.635	93	35698	19.40	ug/l	98
47) Bromodichloromethane	7.876	83	73961	19.30	ug/l	99
48) Methyl methacrylate	7.741	41	53564	18.14	ug/l	99
49) 1,4-Dioxane	7.711	88	23547	341.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	315109	91.93	ug/l	100
52) Toluene	8.764	92	133675	19.68	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	79669	18.54	ug/l	96
54) cis-1,3-Dichloropropene	8.411	75	88245	18.74	ug/l	100
55) 1,1,2-Trichloroethane	9.194	97	52991	19.75	ug/l	98
56) Ethyl methacrylate	9.159	69	77901	17.93	ug/l	99
57) 1,3-Dichloropropane	9.353	76	90883	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	200282	94.30	ug/l	99
59) 2-Hexanone	9.470	43	236572	91.99	ug/l	99
60) Dibromochloromethane	9.564	129	56635	20.00	ug/l	100
61) 1,2-Dibromoethane	9.653	107	53654	19.07	ug/l	99
64) Tetrachloroethene	9.317	164	52984	20.79	ug/l	93
65) Chlorobenzene	10.117	112	139857	18.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	51546	18.79	ug/l	97
67) Ethyl Benzene	10.235	91	250484	18.58	ug/l	98
68) m/p-Xylenes	10.341	106	189526	38.20	ug/l	99
69) o-Xylene	10.682	106	91682	18.93	ug/l	97
70) Styrene	10.694	104	154213	18.56	ug/l	99
71) Bromoform	10.841	173	38141	18.00	ug/l #	99
73) Isopropylbenzene	11.000	105	246665	19.40	ug/l	99
74) N-amyl acetate	10.882	43	85814	16.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	73064	17.82	ug/l	100
76) 1,2,3-Trichloropropane	11.276	75	62293m	17.98	ug/l	
77) Bromobenzene	11.235	156	56226	19.00	ug/l	99
78) n-propylbenzene	11.341	91	274590	18.93	ug/l	98
79) 2-Chlorotoluene	11.406	91	163681	18.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	198026	18.71	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	24245	15.50	ug/l	98
82) 4-Chlorotoluene	11.494	91	186873	18.45	ug/l	100
83) tert-Butylbenzene	11.753	119	185184	17.99	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	201716	18.78	ug/l	100
85) sec-Butylbenzene	11.930	105	226820	18.70	ug/l	100
86) p-Isopropyltoluene	12.047	119	208760	18.77	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	103135	19.47	ug/l	99
88) 1,4-Dichlorobenzene	12.082	146	101121	18.74	ug/l	97
89) n-Butylbenzene	12.371	91	177707	17.90	ug/l	99
90) Hexachloroethane	12.583	117	35180	16.57	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	97763	18.91	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15329	16.33	ug/l	94
93) 1,2,4-Trichlorobenzene	13.630	180	57053	17.20	ug/l	96
94) Hexachlorobutadiene	13.765	225	24647	18.55	ug/l	97
95) Naphthalene	13.818	128	204144	17.29	ug/l	98
96) 1,2,3-Trichlorobenzene	14.000	180	58594	17.79	ug/l	99

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

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