

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030621\
 Data File : VX021008.D
 Acq On : 04 Mar 2021 12:41
 Operator : JC/MD
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2021 10:10:25 AM

Quant Time: Mar 04 13:36:39 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	211966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	360415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	321463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	148385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136415	47.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.30%
35) Dibromofluoromethane	5.464	113	110463	50.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.88%
50) Toluene-d8	8.694	98	421839	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	11.118	95	148794	47.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.26%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38194	16.66	ug/l	98
3) Chloromethane	1.311	50	46501	18.26	ug/l	99
4) Vinyl Chloride	1.399	62	52938	18.06	ug/l	100
5) Bromomethane	1.634	94	28518	26.19	ug/l	99
6) Chloroethane	1.717	64	34025	18.55	ug/l	97
7) Trichlorofluoromethane	1.917	101	69350	18.74	ug/l	95
8) Diethyl Ether	2.170	74	31926	18.59	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.370	101	41560	18.23	ug/l	98
10) Methyl Iodide	2.493	142	52238	17.05	ug/l	96
11) Tert butyl alcohol	3.017	59	45402	71.21	ug/l	98
12) 1,1-Dichloroethene	2.358	96	42666	17.98	ug/l	98
13) Acrolein	2.275	56	37227	94.29	ug/l	99
14) Allyl chloride	2.711	41	66101	17.05	ug/l	97
15) Acrylonitrile	3.117	53	120398	88.50	ug/l	99
16) Acetone	2.417	43	96965	82.19	ug/l	97
17) Carbon Disulfide	2.552	76	117141	17.33	ug/l	99
18) Methyl Acetate	2.746	43	49411	17.71	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	155679	18.37	ug/l	99
20) Methylene Chloride	2.834	84	49740	17.58	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	47188	17.71	ug/l	99
22) Diisopropyl ether	3.823	45	141643	18.17	ug/l	97
23) Vinyl Acetate	3.781	43	601366	90.21	ug/l	99
24) 1,1-Dichloroethane	3.670	63	85746	18.68	ug/l	98
25) 2-Butanone	4.629	43	149742	83.55	ug/l	99
26) 2,2-Dichloropropane	4.552	77	70657	16.95	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	55288	18.01	ug/l	99
28) Bromochloromethane	4.976	49	38238	19.47	ug/l	100
29) Tetrahydrofuran	5.088	42	98995	86.06	ug/l	99
30) Chloroform	5.170	83	85521	18.49	ug/l	96
31) Cyclohexane	5.546	56	74106	17.88	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	74535	18.50	ug/l	98
36) 1,1-Dichloropropene	5.770	75	66689	19.47	ug/l	98
37) Ethyl Acetate	4.793	43	60207	18.47	ug/l	100
38) Carbon Tetrachloride	5.752	117	61631	18.57	ug/l	95
39) Methylcyclohexane	7.441	83	79492	18.51	ug/l	98
40) Benzene	6.111	78	196831	19.17	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	33651	18.36	ug/l	98
42) 1,2-Dichloroethane	6.158	62	68642	20.11	ug/l	99
43) Isopropyl Acetate	6.405	43	98243	17.72	ug/l	99
44) Trichloroethene	7.188	130	53398	19.78	ug/l	96
45) 1,2-Dichloropropane	7.488	63	50716	19.71	ug/l	99
46) Dibromomethane	7.635	93	34133	19.70	ug/l	95
47) Bromodichloromethane	7.870	83	69370	19.22	ug/l	99
48) Methyl methacrylate	7.741	41	49738	17.89	ug/l	100
49) 1,4-Dioxane	7.717	88	21889	337.20	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	293076	90.80	ug/l	100
52) Toluene	8.764	92	123152	19.26	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	73671	18.20	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	84209	18.99	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	49642	19.65	ug/l	97
56) Ethyl methacrylate	9.159	69	72818	17.80	ug/l	99
57) 1,3-Dichloropropane	9.353	76	86043	19.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	188187	94.09	ug/l	99
59) 2-Hexanone	9.470	43	213316	88.08	ug/l	99
60) Dibromochloromethane	9.565	129	53658	20.12	ug/l	97
61) 1,2-Dibromoethane	9.653	107	50678	19.13	ug/l	98
64) Tetrachloroethene	9.318	164	48371	20.85	ug/l	95
65) Chlorobenzene	10.123	112	127946	18.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	45021	18.03	ug/l	96
67) Ethyl Benzene	10.235	91	225857	18.40	ug/l	99
68) m/p-Xylenes	10.341	106	172534	38.20	ug/l	98
69) o-Xylene	10.682	106	82086	18.62	ug/l	98
70) Styrene	10.694	104	139661	18.47	ug/l	98
71) Bromoform	10.841	173	34076	17.66	ug/l #	98
73) Isopropylbenzene	11.000	105	215694	18.41	ug/l	100
74) N-amyl acetate	10.882	43	78172	16.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	67972	17.99	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	58532m	18.34	ug/l	
77) Bromobenzene	11.235	156	50982	18.69	ug/l	99
78) n-propylbenzene	11.341	91	249663	18.68	ug/l	99
79) 2-Chlorotoluene	11.406	91	147353	18.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	180449	18.50	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.059	75	21849	15.15	ug/l	98
82) 4-Chlorotoluene	11.494	91	170694	18.29	ug/l	100
83) tert-Butylbenzene	11.753	119	167126	17.61	ug/l	95
84) 1,2,4-Trimethylbenzene	11.788	105	183151	18.50	ug/l	100
85) sec-Butylbenzene	11.930	105	207757	18.58	ug/l	100
86) p-Isopropyltoluene	12.047	119	197231	19.25	ug/l	98
87) 1,3-Dichlorobenzene	12.012	146	93603	19.17	ug/l	100
88) 1,4-Dichlorobenzene	12.083	146	95128	19.13	ug/l	99
89) n-Butylbenzene	12.371	91	164978	18.03	ug/l	99
90) Hexachloroethane	12.577	117	32260	16.49	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	90903	19.08	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14991	17.33	ug/l	98
93) 1,2,4-Trichlorobenzene	13.630	180	59524	19.47	ug/l	99
94) Hexachlorobutadiene	13.765	225	24374	19.91	ug/l	95
95) Naphthalene	13.818	128	202620	18.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	60399	19.90	ug/l	97

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

