

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021080.D
 Acq On : 08 Mar 2021 23:12
 Operator : JC/MD
 Sample : VX0308WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:04:27 PM

Quant Time: Mar 09 01:12:38 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	5.635	168	203147	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	356731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	323484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	156890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	132290	48.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.42%
35) Dibromofluoromethane	5.464	113	109986	50.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.50%
50) Toluene-d8	8.694	98	416421	49.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.54%
62) 4-Bromofluorobenzene	11.118	95	158287	50.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.30%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	37070	16.88	ug/l	99
3) Chloromethane	1.311	50	46208	18.93	ug/l	98
4) Vinyl Chloride	1.393	62	52807	18.79	ug/l	100
5) Bromomethane	1.622	94	31421	31.16	ug/l	94
6) Chloroethane	1.711	64	34948	19.88	ug/l	100
7) Trichlorofluoromethane	1.917	101	66604	18.78	ug/l	98
8) Diethyl Ether	2.170	74	31369	19.06	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.370	101	38967	17.83	ug/l	99
10) Methyl Iodide	2.493	142	52812	17.99	ug/l	97
11) Tert butyl alcohol	3.011	59	46695	76.42	ug/l	100
12) 1,1-Dichloroethene	2.358	96	41452	18.23	ug/l	99
13) Acrolein	2.270	56	34760	91.87	ug/l	100
14) Allyl chloride	2.705	41	64262	17.30	ug/l	98
15) Acrylonitrile	3.111	53	117093	89.81	ug/l	98
16) Acetone	2.417	43	91616	81.03	ug/l	100
17) Carbon Disulfide	2.552	76	111707	17.24	ug/l	100
18) Methyl Acetate	2.746	43	47945	17.93	ug/l	97
19) Methyl tert-butyl Ether	3.164	73	148618	18.30	ug/l	100
20) Methylene Chloride	2.834	84	50319	18.55	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	46383	18.16	ug/l	99
22) Diisopropyl ether	3.823	45	138542	18.54	ug/l	99
23) Vinyl Acetate	3.782	43	563016	88.13	ug/l	100
24) 1,1-Dichloroethane	3.670	63	84395	19.18	ug/l	99
25) 2-Butanone	4.629	43	147054	85.62	ug/l	98
26) 2,2-Dichloropropane	4.552	77	60745	15.20	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	54840	18.64	ug/l	97
28) Bromochloromethane	4.982	49	37206	19.77	ug/l	99
29) Tetrahydrofuran	5.088	42	94961	86.13	ug/l	99
30) Chloroform	5.176	83	85899	19.38	ug/l	98
31) Cyclohexane	5.547	56	69557	17.51	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	71724	18.58	ug/l	99
36) 1,1-Dichloropropene	5.770	75	63477	18.72	ug/l	100
37) Ethyl Acetate	4.788	43	56582	17.54	ug/l	100
38) Carbon Tetrachloride	5.758	117	61099	18.60	ug/l	99
39) Methylcyclohexane	7.441	83	72396	17.03	ug/l	98
40) Benzene	6.111	78	194585	19.15	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	32382	17.85	ug/l	97
42) 1,2-Dichloroethane	6.164	62	67660	20.02	ug/l	99
43) Isopropyl Acetate	6.405	43	93622	17.06	ug/l	99
44) Trichloroethene	7.188	130	53627	20.07	ug/l	95
45) 1,2-Dichloropropane	7.488	63	50388	19.78	ug/l	100
46) Dibromomethane	7.635	93	33875	19.75	ug/l	99
47) Bromodichloromethane	7.876	83	68504	19.18	ug/l	100
48) Methyl methacrylate	7.741	41	50082	18.19	ug/l	98
49) 1,4-Dioxane	7.712	88	23542	366.41	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	294155	92.07	ug/l	100
52) Toluene	8.765	92	125564	19.84	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	71576	17.87	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	82451	18.79	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	50897	20.35	ug/l	98
56) Ethyl methacrylate	9.159	69	72979	18.03	ug/l	100
57) 1,3-Dichloropropane	9.353	76	84643	19.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	186827	94.37	ug/l	98
59) 2-Hexanone	9.471	43	219571	91.60	ug/l	100
60) Dibromochloromethane	9.565	129	54849	20.78	ug/l	99
61) 1,2-Dibromoethane	9.653	107	52345	19.96	ug/l	98
64) Tetrachloroethene	9.318	164	51504	22.06	ug/l	94
65) Chlorobenzene	10.118	112	134398	19.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	47330	18.84	ug/l	97
67) Ethyl Benzene	10.235	91	233396	18.89	ug/l	99
68) m/p-Xylenes	10.341	106	178917	39.37	ug/l	97
69) o-Xylene	10.682	106	88444	19.94	ug/l	95
70) Styrene	10.694	104	149895	19.70	ug/l	97
71) Bromoform	10.841	173	39312	20.25	ug/l #	98
73) Isopropylbenzene	11.000	105	230480	18.60	ug/l	100
74) N-amyl acetate	10.883	43	80596	16.06	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.253	83	72806	18.23	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	62230m	18.44	ug/l	
77) Bromobenzene	11.241	156	55966	19.41	ug/l	99
78) n-propylbenzene	11.341	91	254598	18.02	ug/l	99
79) 2-Chlorotoluene	11.406	91	156074	18.23	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	190726	18.50	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	22082	14.49	ug/l	98
82) 4-Chlorotoluene	11.494	91	177825	18.02	ug/l	99
83) tert-Butylbenzene	11.753	119	178580	17.80	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	191630	18.31	ug/l	99
85) sec-Butylbenzene	11.930	105	214961	18.18	ug/l	100
86) p-Isopropyltoluene	12.047	119	192661	17.78	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	100633	19.50	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	102581	19.51	ug/l	98
89) n-Butylbenzene	12.371	91	159229	16.46	ug/l	99
90) Hexachloroethane	12.577	117	33909	16.39	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	100299	19.91	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14611	15.97	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	57629	17.83	ug/l	97
94) Hexachlorobutadiene	13.765	225	21576	16.67	ug/l	99
95) Naphthalene	13.812	128	189086	16.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	56270	17.53	ug/l	96

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

