

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020994.D
 Acq On : 03 Mar 2021 12:50
 Operator : JC/MD
 Sample : VX0305WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:16:09 PM

Quant Time: Mar 04 01:02:22 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	5.623	168	222718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	378021	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	343380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	160352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	140961	46.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.72%			
35) Dibromofluoromethane	5.458	113	116581	50.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.52%			
50) Toluene-d8	8.694	98	447740	50.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.118	95	167178	50.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	41176	17.10	ug/l	98
3) Chloromethane	1.311	50	49774	18.60	ug/l	99
4) Vinyl Chloride	1.393	62	55772	18.11	ug/l	99
5) Bromomethane	1.628	94	31339	27.72	ug/l	98
6) Chloroethane	1.711	64	35613	18.48	ug/l	100
7) Trichlorofluoromethane	1.917	101	70804	18.21	ug/l	96
8) Diethyl Ether	2.170	74	31884	17.67	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	42978	17.94	ug/l	98
10) Methyl Iodide	2.493	142	51928	16.13	ug/l	99
11) Tert butyl alcohol	3.005	59	48945	73.06	ug/l	98
12) 1,1-Dichloroethene	2.358	96	42676	17.12	ug/l	97
13) Acrolein	2.270	56	33271	80.20	ug/l	99
14) Allyl chloride	2.705	41	69172	16.98	ug/l	98
15) Acrylonitrile	3.111	53	121788	85.20	ug/l	100
16) Acetone	2.417	43	103798	83.74	ug/l	99
17) Carbon Disulfide	2.552	76	122744	17.28	ug/l	100
18) Methyl Acetate	2.746	43	49026	16.72	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	154331	17.33	ug/l	98
20) Methylene Chloride	2.834	84	51630	17.36	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	49664	17.74	ug/l	98
22) Diisopropyl ether	3.817	45	143460	17.51	ug/l	95
23) Vinyl Acetate	3.782	43	596934	85.23	ug/l	100
24) 1,1-Dichloroethane	3.670	63	87504	18.14	ug/l	100
25) 2-Butanone	4.623	43	156371	83.04	ug/l	100
26) 2,2-Dichloropropane	4.546	77	73258	16.72	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	55763	17.29	ug/l	100
28) Bromochloromethane	4.976	49	37893	18.36	ug/l	98
29) Tetrahydrofuran	5.082	42	99507	82.33	ug/l	99
30) Chloroform	5.170	83	88866	18.28	ug/l	99
31) Cyclohexane	5.546	56	76995	17.68	ug/l	99
32) 1,1,1-Trichloroethane	5.452	97	74989	17.71	ug/l	99
36) 1,1-Dichloropropene	5.770	75	68217	18.98	ug/l	99
37) Ethyl Acetate	4.788	43	60041	17.57	ug/l	99
38) Carbon Tetrachloride	5.752	117	63759	18.32	ug/l	95
39) Methylcyclohexane	7.435	83	83539	18.54	ug/l	97
40) Benzene	6.105	78	201960	18.75	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	33585	17.47	ug/l	99
42) 1,2-Dichloroethane	6.152	62	70937	19.81	ug/l	100
43) Isopropyl Acetate	6.405	43	101010	17.37	ug/l	99
44) Trichloroethene	7.188	130	56081	19.81	ug/l	93
45) 1,2-Dichloropropane	7.488	63	51687	19.15	ug/l	99
46) Dibromomethane	7.635	93	34746	19.12	ug/l	100
47) Bromodichloromethane	7.870	83	71595	18.91	ug/l	99
48) Methyl methacrylate	7.741	41	51819	17.77	ug/l	99
49) 1,4-Dioxane	7.711	88	23485	344.94	ug/l	99
51) 4-Methyl-2-Pentanone	8.617	43	301311	89.00	ug/l	99
52) Toluene	8.765	92	130198	19.41	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	77932	18.36	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	86979	18.70	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	51985	19.61	ug/l	98
56) Ethyl methacrylate	9.159	69	75875	17.69	ug/l	99
57) 1,3-Dichloropropane	9.353	76	88213	19.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	193918	92.44	ug/l	98
59) 2-Hexanone	9.471	43	224948	88.56	ug/l	99
60) Dibromochloromethane	9.559	129	54662	19.54	ug/l	98
61) 1,2-Dibromoethane	9.653	107	53047	19.09	ug/l	99
64) Tetrachloroethene	9.318	164	51273	20.69	ug/l	98
65) Chlorobenzene	10.118	112	136878	18.93	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	49176	18.44	ug/l	98
67) Ethyl Benzene	10.235	91	245090	18.69	ug/l	99
68) m/p-Xylenes	10.341	106	185383	38.42	ug/l	99
69) o-Xylene	10.682	106	88015	18.69	ug/l	99
70) Styrene	10.694	104	149736	18.54	ug/l	99
71) Bromoform	10.841	173	37673	18.28	ug/l #	98
73) Isopropylbenzene	11.000	105	240386	18.98	ug/l	100
74) N-amyl acetate	10.877	43	83242	16.23	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.247	83	72238	17.69	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	63368m	18.37	ug/l	
77) Bromobenzene	11.235	156	57790	19.61	ug/l	97
78) n-propylbenzene	11.341	91	269189	18.64	ug/l	100
79) 2-Chlorotoluene	11.406	91	161212	18.42	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	199548	18.93	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	23704	15.21	ug/l	99
82) 4-Chlorotoluene	11.494	91	185791	18.42	ug/l	99
83) tert-Butylbenzene	11.753	119	186020	18.14	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	201915	18.87	ug/l	100
85) sec-Butylbenzene	11.930	105	231238	19.14	ug/l	100
86) p-Isopropyltoluene	12.047	119	213700	19.30	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	103788	19.67	ug/l	99
88) 1,4-Dichlorobenzene	12.077	146	98886	18.40	ug/l	95
89) n-Butylbenzene	12.371	91	179252	18.13	ug/l	99
90) Hexachloroethane	12.577	117	36750	17.38	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	96167	18.67	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15581	16.67	ug/l	93
93) 1,2,4-Trichlorobenzene	13.630	180	62640	18.96	ug/l	99
94) Hexachlorobutadiene	13.765	225	24357	18.41	ug/l	97
95) Naphthalene	13.818	128	202720	17.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	59879	18.26	ug/l	98

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

