

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021445.D
 Acq On : 27 May 2021 16:11
 Operator : SY/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 3:06:28 PM

Quant Time: May 28 03:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:47:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	492299	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	461496	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	260748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	143153	44.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.34%		
7) Chloroethane-d5	1.568	69	104534	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.72%		
11) 1,1-Dichloroethene-d2	2.108	63	196101	35.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.82%		
21) 2-Butanone-d5	3.876	46	214126	92.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.13%		
24) Chloroform-d	4.346	84	294069	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.16%		
26) 1,2-Dichloroethane-d4	5.027	65	180335	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.06%		
32) Benzene-d6	5.046	84	610796	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.62%		
36) 1,2-Dichloropropane-d6	6.069	67	192461	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.54%		
41) Toluene-d8	7.313	98	582928	47.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.78%		
43) trans-1,3-Dichloroprop...	7.619	79	99134	46.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.92%		
47) 2-Hexanone-d5	8.085	63	169128	92.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.38%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	262094	47.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.72%		
66) 1,2-Dichlorobenzene-d4	11.622	152	259354	47.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.70%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	8003	2.35	ug/L	99
3) Chloromethane	1.240	50	7723	2.27	ug/L	95
5) Vinyl chloride	1.310	62	8966	2.57	ug/L #	75
6) Bromomethane	1.523	94	5708	2.39	ug/L	99
8) Chloroethane	1.584	64	4581	2.31	ug/L	99
9) Trichlorofluoromethane	1.751	101	11853	2.29	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8321	2.77	ug/L #	83
12) 1,1-Dichloroethene	2.114	96	7962	2.76	ug/L #	1
13) Acetone	2.172	43	8856	4.43	ug/L #	86
14) Carbon disulfide	2.294	76	20834	2.29	ug/L	97
15) Methyl Acetate	2.432	43	7406	2.16	ug/L	98
16) Methylene chloride	2.506	84	10185	2.81	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	7980	2.42	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	23252	2.23	ug/L	97
19) 1,1-Dichloroethane	3.191	63	12772	2.19	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	8502	2.31	ug/L	98
22) 2-Butanone	3.989	43	10744m	4.24	ug/L	
23) Bromochloromethane	4.255	128	4680	2.29	ug/L	92
25) Chloroform	4.374	83	15338	2.54	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	9253	2.22	ug/L	100
29) Cyclohexane	4.673	56	12345	2.30	ug/L #	63
30) 1,1,1-Trichloroethane	4.606	97	12243	2.15	ug/L	99
31) Carbon tetrachloride	4.828	117	10867	2.10	ug/L	96
33) Benzene	5.101	78	29732	2.25	ug/L	100
34) Trichloroethene	5.921	95	8427	2.35	ug/L	95
35) Methylcyclohexane	6.127	83	12215	2.12	ug/L	96
37) 1,2-Dichloropropane	6.175	63	7769	2.31	ug/L #	92
38) Bromodichloromethane	6.513	83	10363	2.19	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	10992	1.94	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	19075	4.18	ug/L	97
42) Toluene	7.394	91	40731	2.78	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	12180	2.27	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	7423	2.17	ug/L	95
46) Tetrachloroethene	7.976	164	7609	2.31	ug/L	96
48) 2-Hexanone	8.146	43	14145	4.04	ug/L #	87
49) Dibromochloromethane	8.249	129	9335	2.18	ug/L	98
50) 1,2-Dibromoethane	8.355	107	8462	2.25	ug/L #	92
51) Chlorobenzene	8.882	112	22559	2.33	ug/L	97
52) Ethylbenzene	9.014	91	35299	2.19	ug/L	99
53) m,p-Xylene	9.143	106	13605	2.20	ug/L	98
54) o-Xylene	9.545	106	13684	2.24	ug/L	95
55) Styrene	9.564	104	22424	2.13	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	12712	2.38	ug/L #	97
59) Bromoform	9.734	173	7364	2.09	ug/L #	97
60) Isopropylbenzene	9.931	105	36762	2.28	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	9161	2.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	30553	2.20	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	31082	2.21	ug/L	97
64) 1,3-Dichlorobenzene	11.184	146	19027	2.33	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	19319	2.34	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	18675	2.29	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.429	75	2745	2.15	ug/L	83
69) 1,3,5-Trichlorobenzene	12.647	180	14474	2.10	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	14464	2.35	ug/L	99
71) Naphthalene	13.506	128	27991	1.65	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	12256	2.05	ug/L	99

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

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