

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020179.D
 Acq On : 26 Jan 2021 19:18
 Operator : SY/MD
 Sample : L5214-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-02

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:06 AM

Quant Time: Jan 27 07:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	942397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	905245	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	470296	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	311454	49.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.78%		
7) Chloroethane-d5	1.570	69	259463	52.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.68%		
11) 1,1-Dichloroethene-d2	2.110	63	402084	40.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.98%		
21) 2-Butanone-d5	3.888	46	449651	109.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.46%		
24) Chloroform-d	4.354	84	590122	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.94%		
26) 1,2-Dichloroethane-d4	5.036	65	394801	53.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.82%		
32) Benzene-d6	5.055	84	1147022	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.18%		
36) 1,2-Dichloropropane-d6	6.074	67	365750	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.98%		
41) Toluene-d8	7.318	98	1050291	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.08%		
43) trans-1,3-Dichloroprop...	7.624	79	168264	47.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.50%		
47) 2-Hexanone-d5	8.090	63	330565	105.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.87%		
56) 1,1,2,2-Tetrachloroeth...	10.222	84	474679	46.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.80%		
66) 1,2-Dichlorobenzene-d4	11.630	152	459201	52.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.129	85	12125	1.84	ug/L	100
3) Chloromethane	1.242	50	17404	2.33	ug/L	98
5) Vinyl chloride	1.312	62	13643	2.05	ug/L #	66
6) Bromomethane	1.521	94	8291	2.25	ug/L	89
8) Chloroethane	1.586	64	8288	2.02	ug/L	94
9) Trichlorofluoromethane	1.753	101	17455	1.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	13559	2.71	ug/L #	72
12) 1,1-Dichloroethene	2.116	96	12312	2.61	ug/L #	1
13) Acetone	2.180	43	10599	4.31	ug/L	99
14) Carbon disulfide	2.296	76	28090	2.07	ug/L	98
15) Methyl Acetate	2.441	43	9856	1.78	ug/L	99
16) Methylene chloride	2.512	84	13018	2.30	ug/L	95
17) trans-1,2-Dichloroethene	2.769	96	10049	1.88	ug/L	97
18) Methyl tert-butyl Ether	2.772	73	30664	1.81	ug/L #	95
19) 1,1-Dichloroethane	3.196	63	19285	1.90	ug/L	97
20) cis-1,2-Dichloroethene	3.920	96	10292	1.68	ug/L	98
22) 2-Butanone	3.997	43	13318m	3.23	ug/L	
23) Bromochloromethane	4.261	128	6229	1.86	ug/L	92
25) Chloroform	4.383	83	24010	2.20	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.148	62	15171	1.76	ug/L	99
29) Cyclohexane	4.679	56	15496	1.71	ug/L	97
30) 1,1,1-Trichloroethane	4.618	97	16901	1.69	ug/L	98
31) Carbon tetrachloride	4.833	117	14405	1.66	ug/L	99
33) Benzene	5.110	78	42437	1.80	ug/L	100
34) Trichloroethene	5.926	95	11128	1.69	ug/L	91
35) Methylcyclohexane	6.138	83	15236	1.58	ug/L	97
37) 1,2-Dichloropropane	6.183	63	10893	1.71	ug/L #	96
38) Bromodichloromethane	6.518	83	13242	1.54	ug/L	98
39) cis-1,3-Dichloropropene	7.039	75	14147	1.48	ug/L	94
40) 4-Methyl-2-pentanone	7.238	43	26792	3.07	ug/L	97
42) Toluene	7.396	91	44227	1.73	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	14386	1.56	ug/L	95
45) 1,1,2-Trichloroethane	7.849	97	10765	1.76	ug/L	95
46) Tetrachloroethene	7.981	164	9672	1.79	ug/L	94
48) 2-Hexanone	8.154	43	23054	3.69	ug/L	92
49) Dibromochloromethane	8.254	129	11560	1.70	ug/L	92
50) 1,2-Dibromoethane	8.363	107	11706	1.80	ug/L	98
51) Chlorobenzene	8.888	112	30386	1.80	ug/L	98
52) Ethylbenzene	9.019	91	46888	1.67	ug/L	96
53) m,p-Xylene	9.148	106	16653	1.55	ug/L	96
54) o-Xylene	9.550	106	15172	1.44	ug/L	96
55) Styrene	9.572	104	25352	1.39	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	18637	1.87	ug/L #	97
59) Bromoform	9.740	173	8246	1.60	ug/L	97
60) Isopropylbenzene	9.939	105	38688	1.47	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	13966	1.86	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	37316	1.65	ug/L	95
63) 1,2,4-Trimethylbenzene	10.923	105	37162	1.67	ug/L	100
64) 1,3-Dichlorobenzene	11.190	146	24179	1.78	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	26272	1.88	ug/L	96
67) 1,2-Dichlorobenzene	11.650	146	26112	1.91	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.440	75	3682	1.67	ug/L	92
69) 1,3,5-Trichlorobenzene	12.656	180	19697	1.73	ug/L	99
70) 1,2,4-trichlorobenzene	13.273	180	18368	1.74	ug/L	96
71) Naphthalene	13.514	128	45756	1.54	ug/L	100
72) 1,2,3-Trichlorobenzene	13.756	180	18022	1.72	ug/L	97

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

