

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023192.D
 Acq On : 03 Nov 2021 17:20
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/10/2021
 Supervised By :Semsettin Yesilyurt 11/10/2021

Quant Time: Nov 03 18:17:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	252849	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	249981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70526	40.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.940%		
7) Chloroethane-d5	1.568	69	60094	44.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.420%		
11) 1,1-Dichloroethene-d2	2.108	63	108148	32.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.520%		
21) 2-Butanone-d5	3.880	46	139094	106.541	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.540%		
24) Chloroform-d	4.349	84	175379	47.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
26) 1,2-Dichloroethane-d4	5.034	65	113952	52.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.100%		
32) Benzene-d6	5.050	84	338495	49.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
36) 1,2-Dichloropropane-d6	6.069	67	108905	49.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.920%		
41) Toluene-d8	7.317	98	306391	49.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.080%		
43) trans-1,3-Dichloroprop...	7.622	79	50816	48.635	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.280%		
47) 2-Hexanone-d5	8.088	63	97709	103.197	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154667	48.544	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.080%		
66) 1,2-Dichlorobenzene-d4	11.625	152	133087	52.511	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.020%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	5711	2.376	ug/L	96
3) Chloromethane	1.240	50	4882	2.153	ug/L	98
5) Vinyl chloride	1.311	62	5316	2.347	ug/L #	78
6) Bromomethane	1.523	94	3203	2.517	ug/L	99
8) Chloroethane	1.584	64	3028	2.195	ug/L	100
9) Trichlorofluoromethane	1.754	101	7765	2.259	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	4569	2.503	ug/L #	87
12) 1,1-Dichloroethene	2.118	96	4376	2.584	ug/L #	1
13) Acetone	2.172	43	5724	4.423	ug/L #	86
14) Carbon disulfide	2.298	76	10966	2.165	ug/L	96
15) Methyl Acetate	2.436	43	5124	2.386	ug/L #	72
16) Methylene chloride	2.507	84	5414	2.495	ug/L	93
17) trans-1,2-Dichloroethene	2.767	96	4409	2.281	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	12443	2.144	ug/L	96
19) 1,1-Dichloroethane	3.195	63	8094	2.248	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	4607	2.230	ug/L	100
22) 2-Butanone	3.998	43	9093m	6.165	ug/L	
23) Bromochloromethane	4.259	128	2468	2.120	ug/L #	96
25) Chloroform	4.375	83	9845	2.658	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	5559	2.000	ug/L	100
29) Cyclohexane	4.677	56	6200	2.125	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	7254	2.178	ug/L #	84
31) Carbon tetrachloride	4.831	117	6356	2.123	ug/L	98
33) Benzene	5.108	78	18155	2.331	ug/L	100
34) Trichloroethene	5.921	95	4905	2.410	ug/L	96
35) Methylcyclohexane	6.130	83	6567	2.071	ug/L	98
37) 1,2-Dichloropropane	6.182	63	4491	2.194	ug/L #	93
38) Bromodichloromethane	6.519	83	6225	2.247	ug/L #	90
39) cis-1,3-Dichloropropene	7.037	75	6383	2.056	ug/L	86
40) 4-Methyl-2-pentanone	7.233	43	10408	3.943	ug/L	96
42) Toluene	7.394	91	22869	2.744	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	8926m	2.966	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	4579	2.191	ug/L	94
46) Tetrachloroethene	7.979	164	3833	2.185	ug/L	95
48) 2-Hexanone	8.146	43	9851	4.700	ug/L #	89
49) Dibromochloromethane	8.249	129	5025	2.104	ug/L	92
50) 1,2-Dibromoethane	8.358	107	4678	2.125	ug/L	95
51) Chlorobenzene	8.883	112	12600	2.238	ug/L	98
52) Ethylbenzene	9.018	91	18153	2.047	ug/L	99
53) m,p-Xylene	9.143	106	6930	2.027	ug/L	97
54) o-Xylene	9.548	106	6861	2.062	ug/L	92
55) Styrene	9.567	104	10081	1.743	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.243	83	7754	2.327	ug/L	96
59) Bromoform	9.735	173	3878	2.333	ug/L #	93
60) Isopropylbenzene	9.934	105	15567	1.855	ug/L	96
61) 1,2,3-Trichloropropane	10.275	75	5905	2.398	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	12363	1.788	ug/L	92
63) 1,2,4-Trimethylbenzene	10.918	105	13038	1.879	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	8932	2.105	ug/L	90
65) 1,4-Dichlorobenzene	11.275	146	10437	2.361	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	10370	2.417	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	1473	2.143	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.648	180	6781	2.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	6251	2.247	ug/L	95
71) Naphthalene	13.506	128	16446	1.841	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6313	2.147	ug/L	95

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

