

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024413.D
 Acq On : 20 Jan 2022 13:40
 Operator : SY/MD
 Sample : N1191-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MSD

Quant Time: Jan 21 00:06:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	227058	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	120368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	84781	51.882	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 103.760%		
7) Chloroethane-d5	1.568	69	65065	52.414	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 104.820%		
11) 1,1-Dichloroethene-d2	2.108	63	155224	50.825	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 101.660%		
21) 2-Butanone-d5	3.883	46	90614	99.529	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 99.530%		
24) Chloroform-d	4.343	84	158590	53.101	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.027	65	102945	51.483	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.960%		
32) Benzene-d6	5.047	84	297410	52.731	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.460%		
36) 1,2-Dichloropropane-d6	6.066	67	84724	53.600	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 107.200%		
41) Toluene-d8	7.313	98	293168	53.685	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.360%		
43) trans-1,3-Dichloroprop...	7.616	79	48335	53.104	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.200%		
47) 2-Hexanone-d5	8.085	63	68266	99.406	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 99.410%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	111030	49.152	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 98.300%		
66) 1,2-Dichlorobenzene-d4	11.622	152	123812	51.605	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	95015	51.869	ug/L	99
3) Chloromethane	1.243	50	76197	49.511	ug/L	97
5) Vinyl chloride	1.311	62	79560	48.857	ug/L	94
6) Bromomethane	1.523	94	53346	57.489	ug/L	99
8) Chloroethane	1.584	64	46492	46.255	ug/L	97
9) Trichlorofluoromethane	1.754	101	136683	46.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	70333	49.166	ug/L	97
12) 1,1-Dichloroethene	2.118	96	62410	45.125	ug/L #	74
13) Acetone	2.175	43	57544	64.016	ug/L	98
14) Carbon disulfide	2.294	76	178314	44.404	ug/L	99
15) Methyl Acetate	2.429	43	57603	44.059	ug/L	97
16) Methylene chloride	2.507	84	70461	46.783	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	65160	45.721	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	201280	45.825	ug/L	99
19) 1,1-Dichloroethane	3.188	63	109219	46.204	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	69647	45.758	ug/L	100
22) 2-Butanone	3.966	43	76655	80.279	ug/L	91
23) Bromochloromethane	4.246	128	39068	44.546	ug/L	94
25) Chloroform	4.371	83	125575	45.436	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	99797	44.394	ug/L	99
29) Cyclohexane	4.677	56	95215	49.282	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	119007	44.751	ug/L	98
31) Carbon tetrachloride	4.825	117	111025	45.002	ug/L	98
33) Benzene	5.095	78	254727	46.350	ug/L	100
34) Trichloroethene	5.912	95	74026	48.846	ug/L	96
35) Methylcyclohexane	6.127	83	108431	48.243	ug/L	98
37) 1,2-Dichloropropane	6.169	63	59906	46.344	ug/L	99
38) Bromodichloromethane	6.506	83	92825	45.762	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	100910	46.440	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	148324	87.995	ug/L	98
42) Toluene	7.384	91	289348	46.903	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	104238	47.290	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	65493	45.195	ug/L	98
46) Tetrachloroethene	7.973	164	64504	46.763	ug/L	96
48) 2-Hexanone	8.137	43	118859	87.793	ug/L	98
49) Dibromochloromethane	8.243	129	81286	44.750	ug/L	99
50) 1,2-Dibromoethane	8.349	107	70119	45.050	ug/L	99
51) Chlorobenzene	8.879	112	193690	46.614	ug/L	100
52) Ethylbenzene	9.008	91	311881	47.323	ug/L	100
53) m,p-Xylene	9.137	106	123084	46.593	ug/L	100
54) o-Xylene	9.542	106	120914	47.949	ug/L	96
55) Styrene	9.558	104	206997	47.268	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	91457	43.222	ug/L	99
59) Bromoform	9.728	173	58304	42.479	ug/L	98
60) Isopropylbenzene	9.928	105	320433	48.109	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	75910	42.948	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	274130	47.846	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	280128	48.975	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	162334	47.269	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	164532	46.456	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	162012	45.774	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20490	40.251	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	119613	45.281	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104590	46.296	ug/L	100
71) Naphthalene	13.500	128	285400	43.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	105122	45.022	ug/L	99

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

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