

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024415.D
 Acq On : 20 Jan 2022 14:27
 Operator : SY/MD
 Sample : N1191-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

Quant Time: Jan 21 00:06:41 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	5.616	114	213926	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	204266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	112745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78472	50.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.940%	
7) Chloroethane-d5	1.568	69	59899	51.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.420%	
11) 1,1-Dichloroethene-d2	2.111	63	146164	50.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.600%	
21) 2-Butanone-d5	3.883	46	94243	109.869	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 109.870%	
24) Chloroform-d	4.349	84	151579	53.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.740%	
26) 1,2-Dichloroethane-d4	5.031	65	100562	53.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.760%	
32) Benzene-d6	5.050	84	284883	53.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.880%	
36) 1,2-Dichloropropane-d6	6.069	67	81943	54.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.700%	
41) Toluene-d8	7.313	98	278114	53.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.780%	
43) trans-1,3-Dichloroprop...	7.619	79	46739	54.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.660%	
47) 2-Hexanone-d5	8.085	63	71653	110.400	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 110.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	112845	52.858	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.720%	
66) 1,2-Dichlorobenzene-d4	11.622	152	119670	53.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	86598	50.176	ug/L	98
3) Chloromethane	1.243	50	70779	48.813	ug/L	97
5) Vinyl chloride	1.311	62	73422	47.856	ug/L	97
6) Bromomethane	1.523	94	49675	56.819	ug/L	100
8) Chloroethane	1.584	64	43658	46.102	ug/L	98
9) Trichlorofluoromethane	1.754	101	125364	45.458	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	62912	46.678	ug/L	99
12) 1,1-Dichloroethene	2.121	96	58812	45.134	ug/L	88
13) Acetone	2.179	43	62171	73.409	ug/L	98
14) Carbon disulfide	2.294	76	166874	44.106	ug/L	99
15) Methyl Acetate	2.433	43	56810	46.120	ug/L	99
16) Methylene chloride	2.507	84	66876	47.128	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	61810	46.032	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	198552	47.979	ug/L	99
19) 1,1-Dichloroethane	3.188	63	103402	46.428	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	66874	46.633	ug/L	99
22) 2-Butanone	3.966	43	79048	87.867	ug/L	95
23) Bromochloromethane	4.249	128	37641	45.554	ug/L	91
25) Chloroform	4.375	83	117599	45.162	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	99550	47.003	ug/L	99
29) Cyclohexane	4.677	56	88968	48.724	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	112060	44.587	ug/L	100
31) Carbon tetrachloride	4.828	117	103142	44.235	ug/L	100
33) Benzene	5.098	78	241251	46.448	ug/L	100
34) Trichloroethene	5.915	95	68273	47.667	ug/L	98
35) Methylcyclohexane	6.130	83	101804	47.926	ug/L	99
37) 1,2-Dichloropropane	6.172	63	58494	47.881	ug/L	99
38) Bromodichloromethane	6.506	83	89177	46.518	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	96989	47.229	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	158487	99.487	ug/L	98
42) Toluene	7.387	91	272646	46.763	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	100586	48.285	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	63925	46.676	ug/L	98
46) Tetrachloroethene	7.976	164	59146	45.370	ug/L	100
48) 2-Hexanone	8.137	43	121502	94.959	ug/L	99
49) Dibromochloromethane	8.246	129	79209	46.140	ug/L	97
50) 1,2-Dibromoethane	8.352	107	69954	47.555	ug/L	97
51) Chlorobenzene	8.879	112	181495	46.217	ug/L	99
52) Ethylbenzene	9.011	91	292040	46.886	ug/L	100
53) m,p-Xylene	9.137	106	116002	46.463	ug/L	97
54) o-Xylene	9.542	106	114721	48.136	ug/L	99
55) Styrene	9.558	104	197327	47.677	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	90623	45.316	ug/L	96
59) Bromoform	9.728	173	57355	44.613	ug/L	97
60) Isopropylbenzene	9.931	105	298011	47.767	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	77487	46.805	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	256505	47.797	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	258015	48.158	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150978	46.935	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	153246	46.195	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	149421	45.071	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20474	42.939	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	111859	45.208	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	96491	45.599	ug/L	99
71) Naphthalene	13.500	128	279020	45.575	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98614	45.090	ug/L	100

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

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