

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034717.D
 Acq On : 18 Mar 2024 23:54
 Operator : SY/MD
 Sample : P1752-08MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL46MS

Quant Time: Mar 19 02:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	346443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	175154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	163572	54.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.920%	
7) Chloroethane-d5	1.529	69	125060	53.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.900%	
11) 1,1-Dichloroethene-d2	2.059	65	67608	49.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 99.560%	
21) 2-Butanone-d5	3.786	46	203317	101.232	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 101.230%	
24) Chloroform-d	4.246	84	276014	51.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.960%	
26) 1,2-Dichloroethane-d4	4.937	65	176691	50.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.840%	
32) Benzene-d6	4.960	84	519755	52.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.080%	
36) 1,2-Dichloropropane-d6	5.985	67	156213	51.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 102.500%	
41) Toluene-d8	7.243	98	475512	52.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.220%	
43) trans-1,3-Dichloroprop...	7.551	79	79566	51.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.960%	
47) 2-Hexanone-d5	8.021	63	130455	85.703	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 85.700%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	212037	52.858	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.720%	
66) 1,2-Dichlorobenzene-d4	11.557	152	179476	50.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	148680	40.914	ug/L	100
3) Chloromethane	1.214	50	145119	40.641	ug/L	97
5) Vinyl chloride	1.285	62	145997	42.121	ug/L	100
6) Bromomethane	1.487	94	88537	42.573	ug/L	100
8) Chloroethane	1.548	64	93857	45.558	ug/L	100
9) Trichlorofluoromethane	1.712	101	228011	43.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	125649	44.914	ug/L	97
12) 1,1-Dichloroethene	2.069	96	149072	57.465	ug/L	98
13) Acetone	2.117	43	232602	96.337	ug/L	98
14) Carbon disulfide	2.240	76	278392	38.668	ug/L	99
15) Methyl Acetate	2.371	43	163139	52.815	ug/L	94
16) Methylene chloride	2.445	84	133989	48.693	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	116581	46.431	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	466163	51.699	ug/L	99
19) 1,1-Dichloroethane	3.111	63	263518	53.576	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	136485	50.099	ug/L	97
22) 2-Butanone	3.866	43	215001	90.177	ug/L	97
23) Bromochloromethane	4.146	128	71967	51.087	ug/L	97
25) Chloroform	4.275	83	253865	49.796	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	212123	51.212	ug/L	99
29) Cyclohexane	4.580	56	186782	42.907	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	243517	51.311	ug/L	99
31) Carbon tetrachloride	4.731	117	195394	46.503	ug/L	99
33) Benzene	5.008	78	506194	49.275	ug/L	100
34) Trichloroethene	5.831	95	134487	46.055	ug/L	96
35) Methylcyclohexane	6.050	83	188220	42.398	ug/L	100
37) 1,2-Dichloropropane	6.091	63	140841	52.366	ug/L	100
38) Bromodichloromethane	6.429	83	194177	51.327	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	222397	51.037	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	434309	109.511	ug/L	99
42) Toluene	7.313	91	537981	49.482	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	210674	50.268	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	140262	54.050	ug/L	99
46) Tetrachloroethene	7.905	164	97921	45.090	ug/L	98
48) 2-Hexanone	8.072	43	334937	105.986	ug/L	99
49) Dibromochloromethane	8.175	129	143581	52.431	ug/L	100
50) 1,2-Dibromoethane	8.281	107	143015	51.935	ug/L	98
51) Chlorobenzene	8.812	112	354345	50.414	ug/L	100
52) Ethylbenzene	8.943	91	609739	50.051	ug/L	99
53) m,p-Xylene	9.072	106	226234	48.938	ug/L	100
54) o-Xylene	9.477	106	227567	50.271	ug/L	100
55) Styrene	9.493	104	398333	51.971	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	216146	55.455	ug/L	100
59) Bromoform	9.664	173	101132	52.078	ug/L	99
60) Isopropylbenzene	9.866	105	620704	50.106	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	176934	52.919	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	515847	49.365	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	519073	50.224	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	285495	49.846	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	285609	49.104	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	287459	50.086	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	52059	52.270	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	197575	45.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	175528	45.400	ug/L	99
71) Naphthalene	13.438	128	438872	42.436	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	179246	47.524	ug/L	98

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

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