

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037810.D
 Acq On : 10 Oct 2024 16:51
 Operator : SY/MD
 Sample : P4379-07
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOLH1

Quant Time: Oct 11 05:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	625571	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	620777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	337906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	203405	37.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.080%		
7) Chloroethane-d5	1.532	69	173173	40.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.260%		
11) 1,1-Dichloroethene-d2	2.056	65	92276	40.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.440%		
21) 2-Butanone-d5	3.796	46	174182	89.051	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.050%		
24) Chloroform-d	4.243	84	443737	45.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.840%		
26) 1,2-Dichloroethane-d4	4.937	65	259907	45.449	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.900%		
32) Benzene-d6	4.953	84	850216	43.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.540%		
36) 1,2-Dichloropropane-d6	5.985	67	270872	43.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.580%		
41) Toluene-d8	7.236	98	794630	45.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.220%		
43) trans-1,3-Dichloroprop...	7.548	79	122594	42.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.320%		
47) 2-Hexanone-d5	8.024	63	120964	92.611	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.610%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	329984	45.913	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.820%		
66) 1,2-Dichlorobenzene-d4	11.551	152	306327	43.021	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	229580	43.109	ug/L	100
3) Chloromethane	1.220	50	223145	43.160	ug/L	98
5) Vinyl chloride	1.285	62	243460	43.923	ug/L	99
6) Bromomethane	1.487	94	133382	43.361	ug/L	99
8) Chloroethane	1.548	64	153279	44.866	ug/L	99
9) Trichlorofluoromethane	1.712	101	348404	46.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	211325	47.398	ug/L	99
12) 1,1-Dichloroethene	2.069	96	189646	45.536	ug/L	83
13) Acetone	2.114	43	128999	67.276	ug/L	98
14) Carbon disulfide	2.240	76	516886	39.760	ug/L	100
15) Methyl Acetate	2.371	43	161886	48.379	ug/L	100
16) Methylene chloride	2.445	84	217014	46.020	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	197198	44.758	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	618500	48.930	ug/L	99
19) 1,1-Dichloroethane	3.105	63	398978	47.264	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	227536	46.149	ug/L	99
22) 2-Butanone	3.876	43	181748	85.637	ug/L	97
23) Bromochloromethane	4.140	128	122107	47.877	ug/L	97
25) Chloroform	4.272	83	418215	47.850	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	303644	49.212	ug/L	98
29) Cyclohexane	4.571	56	297088	42.150	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	355475	46.494	ug/L	99
31) Carbon tetrachloride	4.725	117	304109	45.750	ug/L	98
33) Benzene	5.002	78	870504	46.496	ug/L	100
34) Trichloroethene	5.828	95	223708	44.868	ug/L	99
35) Methylcyclohexane	6.043	83	332118	43.300	ug/L	100
37) 1,2-Dichloropropane	6.088	63	234264	48.456	ug/L	98
38) Bromodichloromethane	6.426	83	307465	47.575	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	359285	46.556	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	396346	100.689	ug/L	99
42) Toluene	7.310	91	936657	48.259	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	325051	46.784	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	229483	49.435	ug/L	100
46) Tetrachloroethene	7.899	164	168913	44.310	ug/L	99
48) 2-Hexanone	8.072	43	267117	87.270	ug/L	95
49) Dibromochloromethane	8.169	129	238232	48.489	ug/L	98
50) 1,2-Dibromoethane	8.278	107	227080	47.323	ug/L	100
51) Chlorobenzene	8.805	112	614622	46.480	ug/L	99
52) Ethylbenzene	8.940	91	1022512	46.802	ug/L	99
53) m,p-Xylene	9.066	106	393113	48.347	ug/L	99
54) o-Xylene	9.471	106	375986	47.364	ug/L	98
55) Styrene	9.490	104	689791	49.915	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	317016	48.982	ug/L	100
59) Bromoform	9.657	173	156290	47.323	ug/L	98
60) Isopropylbenzene	9.860	105	1024371	46.629	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	230462	47.931	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	803420	46.257	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	799114	46.242	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	493593	46.679	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	510834	46.394	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	485685	46.462	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	51861	44.433	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	318602	43.814	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	283750	42.058	ug/L	99
71) Naphthalene	13.432	128	751749	42.648	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	287589	43.166	ug/L	99

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

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