

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037811.D
 Acq On : 10 Oct 2024 17:13
 Operator : SY/MD
 Sample : P4379-08MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOLH1MS

Quant Time: Oct 11 05:16:05 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	592472	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	577518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	319064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	200469	38.545	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.080%		
7) Chloroethane-d5	1.532	69	175303	43.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.840%		
11) 1,1-Dichloroethene-d2	2.059	65	92272	42.465	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.920%		
21) 2-Butanone-d5	3.796	46	186282	100.558	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.560%		
24) Chloroform-d	4.243	84	452793	48.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.860%		
26) 1,2-Dichloroethane-d4	4.934	65	261620	48.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
32) Benzene-d6	4.953	84	846176	46.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
36) 1,2-Dichloropropane-d6	5.985	67	274779	47.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.500%		
41) Toluene-d8	7.236	98	779370	47.561	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.120%		
43) trans-1,3-Dichloroprop...	7.548	79	122183	45.706	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.420%		
47) 2-Hexanone-d5	8.024	63	123886	101.953	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.950%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343287	51.341	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.680%		
66) 1,2-Dichlorobenzene-d4	11.551	152	308562	45.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	231555	45.909	ug/L	100
3) Chloromethane	1.220	50	232299	47.440	ug/L	100
5) Vinyl chloride	1.285	62	243783	46.438	ug/L	98
6) Bromomethane	1.487	94	139999	48.055	ug/L	99
8) Chloroethane	1.548	64	151939	46.958	ug/L	98
9) Trichlorofluoromethane	1.712	101	352289	49.855	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	208137	49.291	ug/L	99
12) 1,1-Dichloroethene	2.069	96	191272	48.492	ug/L	83
13) Acetone	2.114	43	127194	70.041	ug/L	100
14) Carbon disulfide	2.240	76	528485	42.924	ug/L	99
15) Methyl Acetate	2.371	43	160841	50.752	ug/L	99
16) Methylene chloride	2.442	84	216501	48.476	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	200792	48.119	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	623074	52.045	ug/L	100
19) 1,1-Dichloroethane	3.104	63	399894	50.019	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	234500	50.219	ug/L	98
22) 2-Butanone	3.879	43	182260	90.676	ug/L	98
23) Bromochloromethane	4.140	128	121592	50.339	ug/L	98
25) Chloroform	4.268	83	421728	50.948	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	303394	51.919	ug/L	99
29) Cyclohexane	4.571	56	303573	46.297	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	358422	50.391	ug/L	99
31) Carbon tetrachloride	4.725	117	310393	50.193	ug/L	100
33) Benzene	5.002	78	877157	50.361	ug/L	100
34) Trichloroethene	5.825	95	230346	49.660	ug/L	98
35) Methylcyclohexane	6.043	83	327615	45.913	ug/L	98
37) 1,2-Dichloropropane	6.088	63	228980	50.911	ug/L	99
38) Bromodichloromethane	6.429	83	312670	52.004	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	360935	50.273	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	405832	110.822	ug/L	99
42) Toluene	7.310	91	939939	52.056	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	324638	50.225	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	226229	52.384	ug/L	99
46) Tetrachloroethene	7.899	164	171341	48.314	ug/L	99
48) 2-Hexanone	8.072	43	277881	97.587	ug/L	96
49) Dibromochloromethane	8.169	129	239875	52.480	ug/L	100
50) 1,2-Dibromoethane	8.275	107	230968	51.738	ug/L	99
51) Chlorobenzene	8.808	112	620044	50.403	ug/L	98
52) Ethylbenzene	8.940	91	1028546	50.605	ug/L	100
53) m,p-Xylene	9.066	106	391148	51.709	ug/L	100
54) o-Xylene	9.471	106	381057	51.599	ug/L	97
55) Styrene	9.490	104	692648	53.876	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	323295	53.694	ug/L	97
59) Bromoform	9.657	173	163687	52.490	ug/L	95
60) Isopropylbenzene	9.860	105	1033064	49.802	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	227805	50.176	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	814526	49.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	812976	49.822	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	491547	49.231	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	519557	49.973	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	491739	49.820	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	54196	49.175	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	322346	46.947	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	290997	45.679	ug/L	99
71) Naphthalene	13.432	128	829606	49.844	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	296807	47.180	ug/L	98

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

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