

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037812.D
 Acq On : 10 Oct 2024 17:34
 Operator : SY/MD
 Sample : P4379-09MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOLH1MSD

Quant Time: Oct 11 05:16:43 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	586023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	571571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	318443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	205269	39.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.800%
7) Chloroethane-d5	1.532	69	180461	45.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.380%
11) 1,1-Dichloroethene-d2	2.060	65	94646	44.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.080%
21) 2-Butanone-d5	3.796	46	174796	95.396	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.400%
24) Chloroform-d	4.243	84	465235	50.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.660%
26) 1,2-Dichloroethane-d4	4.937	65	266893	49.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	4.950	84	865509	48.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
36) 1,2-Dichloropropane-d6	5.982	67	278317	48.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.740%
41) Toluene-d8	7.236	98	786710	48.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.020%
43) trans-1,3-Dichloroprop...	7.548	79	125685	47.506	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.024	63	129463	107.651	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.650%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351378	53.098	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	316421	47.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	237351	47.576	ug/L	100
3) Chloromethane	1.217	50	233423	48.194	ug/L	99
5) Vinyl chloride	1.285	62	250838	48.308	ug/L	100
6) Bromomethane	1.487	94	146923	50.987	ug/L	99
8) Chloroethane	1.549	64	157856	49.324	ug/L	98
9) Trichlorofluoromethane	1.712	101	359350	51.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	214357	51.323	ug/L	99
12) 1,1-Dichloroethene	2.069	96	195723	50.167	ug/L	82
13) Acetone	2.114	43	133823	74.502	ug/L	99
14) Carbon disulfide	2.240	76	548506	45.040	ug/L	100
15) Methyl Acetate	2.372	43	163969	52.308	ug/L	98
16) Methylene chloride	2.442	84	225034	50.942	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	206303	49.984	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	641955	54.213	ug/L	100
19) 1,1-Dichloroethane	3.105	63	413155	52.246	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	243371	52.692	ug/L	98
22) 2-Butanone	3.876	43	191725	96.434	ug/L	97
23) Bromochloromethane	4.140	128	127131	53.211	ug/L	99
25) Chloroform	4.269	83	436505	53.314	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	308106	53.305	ug/L	100
29) Cyclohexane	4.571	56	316701	48.801	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	373975	53.124	ug/L	98
31) Carbon tetrachloride	4.725	117	321779	52.575	ug/L	99
33) Benzene	5.002	78	906293	52.575	ug/L	100
34) Trichloroethene	5.828	95	233127	50.783	ug/L	99
35) Methylcyclohexane	6.043	83	350446	49.623	ug/L	100
37) 1,2-Dichloropropane	6.088	63	237170	53.281	ug/L	99
38) Bromodichloromethane	6.426	83	322707	54.232	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	365151	51.390	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	412832	113.906	ug/L	99
42) Toluene	7.307	91	970964	54.334	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	339762	53.111	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	235957	55.205	ug/L	99
46) Tetrachloroethene	7.899	164	177844	50.670	ug/L	99
48) 2-Hexanone	8.072	43	285491	101.303	ug/L	97
49) Dibromochloromethane	8.169	129	245834	54.344	ug/L	99
50) 1,2-Dibromoethane	8.275	107	232438	52.609	ug/L	100
51) Chlorobenzene	8.809	112	642045	52.734	ug/L	100
52) Ethylbenzene	8.940	91	1062734	52.831	ug/L	99
53) m,p-Xylene	9.066	106	403214	53.859	ug/L	99
54) o-Xylene	9.471	106	391181	53.521	ug/L	97
55) Styrene	9.490	104	714143	56.126	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	329195	55.242	ug/L	98
59) Bromoform	9.658	173	165326	53.119	ug/L	99
60) Isopropylbenzene	9.860	105	1057283	51.068	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	238108	52.547	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	849467	51.898	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	847761	52.055	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	516561	51.837	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	537350	51.785	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	509347	51.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	57324	52.115	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	331784	48.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	307835	48.416	ug/L	100
71) Naphthalene	13.432	128	869206	52.326	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	311698	49.644	ug/L	98

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

