

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036925.D
 Acq On : 13 Aug 2024 17:12
 Operator : SY/MD
 Sample : P3589-06MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MSD

Quant Time: Aug 14 05:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	663783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	640615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	325460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168644	31.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.620%
7) Chloroethane-d5	1.532	69	156153	37.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.700%
11) 1,1-Dichloroethene-d2	2.059	65	75680	33.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.740%
21) 2-Butanone-d5	3.796	46	264251	94.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.070%
24) Chloroform-d	4.246	84	431510	45.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
26) 1,2-Dichloroethane-d4	4.940	65	266408	43.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
32) Benzene-d6	4.953	84	772032	39.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.985	67	267866	42.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.820%
41) Toluene-d8	7.239	98	661757	37.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.560%#
43) trans-1,3-Dichloroprop...	7.551	79	121653	37.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.900%
47) 2-Hexanone-d5	8.024	63	177766	99.044	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	364647	50.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	11.554	152	289394	43.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	273750	51.722	ug/L	99
3) Chloromethane	1.217	50	290069	52.369	ug/L	100
5) Vinyl chloride	1.281	62	292489	51.421	ug/L	98
6) Bromomethane	1.487	94	176990	49.421	ug/L	98
8) Chloroethane	1.548	64	180258	51.160	ug/L	98
9) Trichlorofluoromethane	1.712	101	380164	51.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	223100	50.817	ug/L	99
12) 1,1-Dichloroethene	2.069	96	211743	50.499	ug/L	90
13) Acetone	2.114	43	190378	81.004	ug/L	99
14) Carbon disulfide	2.240	76	592500	44.984	ug/L	100
15) Methyl Acetate	2.371	43	219194	45.273	ug/L	98
16) Methylene chloride	2.445	84	243344	51.623	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	223376	51.430	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	768287	50.225	ug/L	99
19) 1,1-Dichloroethane	3.104	63	460390	52.466	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	266629	52.303	ug/L	93
22) 2-Butanone	3.879	43	276153	87.710	ug/L	98
23) Bromochloromethane	4.143	128	130746	52.799	ug/L	97
25) Chloroform	4.272	83	465071	51.602	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	362749	51.025	ug/L	100
29) Cyclohexane	4.574	56	388054	47.543	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	392754	48.663	ug/L	100
31) Carbon tetrachloride	4.728	117	321954	47.499	ug/L	99
33) Benzene	5.005	78	981214	51.209	ug/L	100
34) Trichloroethene	5.828	95	265812	47.867	ug/L	97
35) Methylcyclohexane	6.043	83	395024	46.358	ug/L	98
37) 1,2-Dichloropropane	6.091	63	262515	51.718	ug/L	100
38) Bromodichloromethane	6.429	83	346801	49.615	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	420294	48.348	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	593861	94.447	ug/L	98
42) Toluene	7.310	91	1032373	50.585	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	377111	46.554	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	249147	50.685	ug/L	99
46) Tetrachloroethene	7.902	164	178654	49.048	ug/L	98
48) 2-Hexanone	8.075	43	431222	93.222	ug/L	99
49) Dibromochloromethane	8.172	129	257803	51.036	ug/L	100
50) 1,2-Dibromoethane	8.278	107	258050	50.597	ug/L	99
51) Chlorobenzene	8.808	112	665431	50.816	ug/L	98
52) Ethylbenzene	8.943	91	1158214	49.702	ug/L	99
53) m,p-Xylene	9.069	106	426565	48.971	ug/L	99
54) o-Xylene	9.474	106	426698	50.085	ug/L	98
55) Styrene	9.490	104	729076	49.937	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	353571	53.307	ug/L	100
59) Bromoform	9.660	173	167249	46.451	ug/L	98
60) Isopropylbenzene	9.863	105	1151031	48.579	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	280531	47.882	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	942290	47.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	942109	47.709	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	508660	49.922	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	515398	49.742	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	502166	50.463	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	69974	41.330	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	343675	47.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	326185	47.035	ug/L	98
71) Naphthalene	13.432	128	1050216	47.225	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	328840	48.441	ug/L	100

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

