

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090624\
 Data File : VV037227.D
 Acq On : 06 Sep 2024 15:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050387

Quant Time: Sep 06 23:25:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 23:21:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	617110	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252377	44.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.420%
7) Chloroethane-d5	1.532	69	199041	45.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.060	65	106123	44.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%
21) 2-Butanone-d5	3.793	46	186561	85.342	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.340%
24) Chloroform-d	4.246	84	429221	48.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	4.937	65	262480	47.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	4.953	84	851876	46.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	5.985	67	264600	46.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.236	98	775146	47.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.548	79	122378	46.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.024	63	127884	81.868	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.870%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	305131	43.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.920%
66) 1,2-Dichlorobenzene-d4	11.554	152	280506	44.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	247973	47.551	ug/L	100
3) Chloromethane	1.217	50	262364	44.736	ug/L	98
5) Vinyl chloride	1.285	62	265899	48.296	ug/L	98
6) Bromomethane	1.487	94	155150	50.292	ug/L	98
8) Chloroethane	1.548	64	168982	50.179	ug/L	99
9) Trichlorofluoromethane	1.712	101	355868	49.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	215065	50.327	ug/L	100
12) 1,1-Dichloroethene	2.069	96	201499	50.048	ug/L	96
13) Acetone	2.111	43	155105	66.157	ug/L	100
14) Carbon disulfide	2.240	76	561099	45.908	ug/L	99
15) Methyl Acetate	2.371	43	186432	47.431	ug/L	99
16) Methylene chloride	2.445	84	233217	51.341	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	209091	50.027	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	652175	49.604	ug/L	100
19) 1,1-Dichloroethane	3.108	63	431070	51.934	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	233346	50.525	ug/L	97
22) 2-Butanone	3.873	43	196510	76.127	ug/L	97
23) Bromochloromethane	4.143	128	118531	52.283	ug/L	98
25) Chloroform	4.272	83	426281	50.711	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	316485	51.326	ug/L	99
29) Cyclohexane	4.574	56	336902	47.360	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	349779	50.244	ug/L	100
31) Carbon tetrachloride	4.728	117	297008	50.561	ug/L	99
33) Benzene	5.005	78	899999	51.545	ug/L	100
34) Trichloroethene	5.828	95	229540	49.808	ug/L	97
35) Methylcyclohexane	6.043	83	357825	47.789	ug/L	99
37) 1,2-Dichloropropane	6.088	63	235526	50.316	ug/L	100
38) Bromodichloromethane	6.429	83	303168	50.532	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	358039	48.469	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	434836	91.374	ug/L	99
42) Toluene	7.310	91	939757	51.694	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	335016	50.739	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	223744	51.347	ug/L	100
46) Tetrachloroethene	7.899	164	163452	49.431	ug/L	98
48) 2-Hexanone	8.072	43	302819	82.278	ug/L	100
49) Dibromochloromethane	8.172	129	222738	51.049	ug/L	98
50) 1,2-Dibromoethane	8.278	107	220498	50.007	ug/L	99
51) Chlorobenzene	8.808	112	606726	50.412	ug/L	98
52) Ethylbenzene	8.940	91	1040448	50.668	ug/L	100
53) m,p-Xylene	9.069	106	389049	51.135	ug/L	99
54) o-Xylene	9.471	106	374484	50.271	ug/L	99
55) Styrene	9.490	104	673059	52.071	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	312955	48.493	ug/L	99
59) Bromoform	9.661	173	140022	48.076	ug/L	100
60) Isopropylbenzene	9.860	105	1031297	50.861	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	233779	48.048	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	831823	50.141	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	828331	50.033	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	460978	49.234	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	475982	49.669	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	461306	50.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54050	44.544	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	307277	47.165	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	284307	46.344	ug/L	99
71) Naphthalene	13.432	128	796935	44.988	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	289707	47.920	ug/L	99

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

