

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080924\
 Data File : VV036889.D
 Acq On : 09 Aug 2024 20:03
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Aug 10 01:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 01:11:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	671027	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	635159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	322295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	227275	42.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.820%
7) Chloroethane-d5	1.532	69	195496	46.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.500%
11) 1,1-Dichloroethene-d2	2.056	65	98023	42.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.520%
21) 2-Butanone-d5	3.796	46	296954	104.573	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.570%
24) Chloroform-d	4.246	84	474906	49.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	4.937	65	301419	48.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	4.953	84	898925	46.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	5.985	67	301035	48.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	7.239	98	790647	44.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.860%
43) trans-1,3-Dichloroprop...	7.551	79	129875	40.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.640%
47) 2-Hexanone-d5	8.024	63	191112	107.394	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.390%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	382501	53.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	319075	48.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	288737	53.965	ug/L	99
3) Chloromethane	1.217	50	301729	53.886	ug/L	100
5) Vinyl chloride	1.281	62	302713	52.643	ug/L	98
6) Bromomethane	1.487	94	177825	49.118	ug/L	100
8) Chloroethane	1.548	64	185401	52.052	ug/L	100
9) Trichlorofluoromethane	1.712	101	394106	52.324	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	233630	52.641	ug/L	99
12) 1,1-Dichloroethene	2.069	96	218240	51.486	ug/L	94
13) Acetone	2.114	43	180653	76.036	ug/L	99
14) Carbon disulfide	2.240	76	610542	45.853	ug/L	99
15) Methyl Acetate	2.371	43	246149	50.292	ug/L	97
16) Methylene chloride	2.442	84	248183	52.081	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	228208	51.976	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	783186	50.646	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462842	52.176	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	268663	52.133	ug/L	97
22) 2-Butanone	3.879	43	285533	89.710	ug/L	99
23) Bromochloromethane	4.140	128	129923	51.900	ug/L	96
25) Chloroform	4.272	83	473840	52.007	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	360289	50.132	ug/L	99
29) Cyclohexane	4.571	56	416106	51.417	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	399884	49.972	ug/L	99
31) Carbon tetrachloride	4.728	117	331942	49.393	ug/L	99
33) Benzene	5.005	78	1004722	52.887	ug/L	100
34) Trichloroethene	5.828	95	273054	49.594	ug/L	99
35) Methylcyclohexane	6.043	83	412276	48.798	ug/L	99
37) 1,2-Dichloropropane	6.092	63	270090	53.668	ug/L	100
38) Bromodichloromethane	6.429	83	347935	50.205	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	414985	48.147	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	617176	98.998	ug/L	100
42) Toluene	7.310	91	1059589	52.364	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	371099	46.205	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	254415	52.202	ug/L	98
46) Tetrachloroethene	7.902	164	185694	51.418	ug/L	98
48) 2-Hexanone	8.075	43	444894	97.004	ug/L	99
49) Dibromochloromethane	8.172	129	247332	49.384	ug/L	96
50) 1,2-Dibromoethane	8.278	107	260977	51.611	ug/L	99
51) Chlorobenzene	8.809	112	675987	52.065	ug/L	99
52) Ethylbenzene	8.940	91	1200211	51.947	ug/L	100
53) m,p-Xylene	9.069	106	440319	50.984	ug/L	99
54) o-Xylene	9.474	106	436439	51.668	ug/L	99
55) Styrene	9.490	104	756071	52.231	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	356343	54.187	ug/L	99
59) Bromoform	9.661	173	162427	45.555	ug/L	97
60) Isopropylbenzene	9.863	105	1183407	50.435	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	287194	49.501	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	977236	50.026	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	976445	49.934	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	516460	51.185	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	525341	51.200	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	507011	51.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	73714	43.966	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	352231	49.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	335693	48.881	ug/L	99
71) Naphthalene	13.432	128	1039192	47.188	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	335476	49.904	ug/L	99

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

