

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036797.D
 Acq On : 05 Aug 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Aug 06 03:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	450696	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	429360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	177313	49.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.520%
7) Chloroethane-d5	1.532	69	139522	49.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.300%
11) 1,1-Dichloroethene-d2	2.056	65	76535	49.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.400%
21) 2-Butanone-d5	3.799	46	168446	88.318	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.320%
24) Chloroform-d	4.246	84	334634	51.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.937	65	213022	51.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
32) Benzene-d6	4.953	84	671816	51.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.985	67	208889	49.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.860%
41) Toluene-d8	7.239	98	611851	51.434	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.860%
43) trans-1,3-Dichloroprop...	7.551	79	107583	49.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.820%
47) 2-Hexanone-d5	8.024	63	123454	102.626	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.630%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	251296	52.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.620%
66) 1,2-Dichlorobenzene-d4	11.558	152	222200	51.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	199655	55.558	ug/L	100
3) Chloromethane	1.217	50	197154	52.423	ug/L	99
5) Vinyl chloride	1.281	62	205506	53.210	ug/L	100
6) Bromomethane	1.487	94	123346	50.726	ug/L	100
8) Chloroethane	1.548	64	123529	51.636	ug/L	99
9) Trichlorofluoromethane	1.712	101	260265	51.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	153046	51.342	ug/L	98
12) 1,1-Dichloroethene	2.069	96	144797	50.860	ug/L	99
13) Acetone	2.114	43	118318	74.145	ug/L	98
14) Carbon disulfide	2.236	76	449936	50.311	ug/L	100
15) Methyl Acetate	2.371	43	158324	48.162	ug/L	99
16) Methylene chloride	2.442	84	160727	50.217	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	151527	51.383	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	512221	49.317	ug/L	99
19) 1,1-Dichloroethane	3.105	63	299388	50.250	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	176616	51.026	ug/L	98
22) 2-Butanone	3.879	43	192567	90.079	ug/L	99
23) Bromochloromethane	4.140	128	86920	51.696	ug/L	100
25) Chloroform	4.272	83	311088	50.836	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	238292	49.367	ug/L	99
29) Cyclohexane	4.574	56	287940	52.634	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	269542	49.828	ug/L	99
31) Carbon tetrachloride	4.728	117	231389	50.934	ug/L	99
33) Benzene	5.005	78	665420	51.815	ug/L	100
34) Trichloroethene	5.828	95	185186	49.756	ug/L	99
35) Methylcyclohexane	6.043	83	293466	51.385	ug/L	99
37) 1,2-Dichloropropane	6.092	63	174609	51.325	ug/L	100
38) Bromodichloromethane	6.429	83	234991	50.160	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	294443	50.536	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	409531	97.178	ug/L	98
42) Toluene	7.310	91	709867	51.896	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	264824	48.777	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	165991	50.383	ug/L	98
46) Tetrachloroethene	7.902	164	123017	50.390	ug/L	99
48) 2-Hexanone	8.075	43	302368	97.528	ug/L	99
49) Dibromochloromethane	8.172	129	169042	49.930	ug/L	98
50) 1,2-Dibromoethane	8.278	107	172303	50.407	ug/L	96
51) Chlorobenzene	8.808	112	450024	51.275	ug/L	100
52) Ethylbenzene	8.944	91	799353	51.180	ug/L	99
53) m,p-Xylene	9.069	106	299873	51.365	ug/L	100
54) o-Xylene	9.474	106	293061	51.324	ug/L	100
55) Styrene	9.490	104	506444	51.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	225648	50.759	ug/L	100
59) Bromoform	9.661	173	116195	49.709	ug/L	99
60) Isopropylbenzene	9.863	105	791895	51.479	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	189239	49.752	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	657653	51.352	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	658594	51.372	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	343288	51.895	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	347269	51.625	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	332853	51.521	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	50761	46.181	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	235936	50.259	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	220781	49.037	ug/L	98
71) Naphthalene	13.432	128	728072	50.428	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	217983	49.461	ug/L	99

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

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