

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035570.D
 Acq On : 10 May 2024 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050359

Quant Time: May 10 23:41:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 06 13:46:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	531945	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	527698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	282921	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	193662	47.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.440%
7) Chloroethane-d5	1.523	69	158677	52.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.053	65	81022	46.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.040%
21) 2-Butanone-d5	3.780	46	263101	95.046	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.050%
24) Chloroform-d	4.243	84	371338	49.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	4.937	65	225183	50.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.640%
32) Benzene-d6	4.953	84	719972	48.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
36) 1,2-Dichloropropane-d6	5.982	67	226565	48.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	7.239	98	655367	48.473	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
43) trans-1,3-Dichloroprop...	7.548	79	112393	49.793	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.580%
47) 2-Hexanone-d5	8.021	63	200951	94.422	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	335719	47.572	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.140%
66) 1,2-Dichlorobenzene-d4	11.557	152	260214	46.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	225707	63.336	ug/L	100
3) Chloromethane	1.214	50	227362	58.892	ug/L	98
5) Vinyl chloride	1.281	62	233541	57.443	ug/L	99
6) Bromomethane	1.477	94	95873	37.088	ug/L	100
8) Chloroethane	1.539	64	147741	63.202	ug/L	99
9) Trichlorofluoromethane	1.709	101	298697	54.610	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	188582	54.395	ug/L	98
12) 1,1-Dichloroethene	2.066	96	170960	55.205	ug/L	81
13) Acetone	2.111	43	257332	100.415	ug/L	99
14) Carbon disulfide	2.236	76	527171	64.800	ug/L	99
15) Methyl Acetate	2.368	43	209766	50.460	ug/L	99
16) Methylene chloride	2.442	84	210331	53.602	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	184966	56.507	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	608094	52.824	ug/L	100
19) 1,1-Dichloroethane	3.108	63	359625	52.322	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	208097	53.452	ug/L	97
22) 2-Butanone	3.860	43	290588	95.786	ug/L	99
23) Bromochloromethane	4.140	128	114362	53.712	ug/L	98
25) Chloroform	4.272	83	372528	52.510	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	282375	55.616	ug/L	99
29) Cyclohexane	4.577	56	286121	60.728	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	315686	52.273	ug/L	99
31) Carbon tetrachloride	4.728	117	280860	53.786	ug/L	99
33) Benzene	5.005	78	785524	55.125	ug/L	100
34) Trichloroethene	5.828	95	214817	56.649	ug/L	99
35) Methylcyclohexane	6.046	83	329590	61.611	ug/L	99
37) 1,2-Dichloropropane	6.088	63	213221	54.460	ug/L	99
38) Bromodichloromethane	6.429	83	279604	51.909	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	338843	55.132	ug/L	99
40) 4-Methyl-2-pentanone	7.152	43	518281	99.170	ug/L	99
42) Toluene	7.310	91	833929	55.783	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	324572	55.597	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	216074	51.603	ug/L	98
46) Tetrachloroethene	7.902	164	168807	55.115	ug/L	99
48) 2-Hexanone	8.072	43	415684	97.756	ug/L	98
49) Dibromochloromethane	8.172	129	226862	51.759	ug/L	99
50) 1,2-Dibromoethane	8.278	107	235013	53.721	ug/L	100
51) Chlorobenzene	8.812	112	542709	52.295	ug/L	99
52) Ethylbenzene	8.943	91	887494	54.951	ug/L	99
53) m,p-Xylene	9.069	106	343558	57.341	ug/L	96
54) o-Xylene	9.474	106	327991	54.327	ug/L	97
55) Styrene	9.493	104	596974	57.212	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	327095	45.656	ug/L	100
59) Bromoform	9.660	173	183235	50.072	ug/L	100
60) Isopropylbenzene	9.863	105	887585	54.327	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	268567	47.317	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	570714	43.647	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	719769	54.896	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	439953	52.004	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	450840	50.503	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	446147	50.406	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	79831	47.758	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	330364	51.447	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	300893	53.191	ug/L	100
71) Naphthalene	13.435	128	868617	54.786	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	323627	55.115	ug/L	100

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

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