

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035575.D
 Acq On : 10 May 2024 11:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050360

Quant Time: May 10 23:45:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:44:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	422033	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	216407	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142580	43.815	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.640%
7) Chloroethane-d5	1.519	69	125724	52.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.860%
11) 1,1-Dichloroethene-d2	2.053	65	60329	43.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.380%
21) 2-Butanone-d5	3.780	46	260826	118.763	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.760%
24) Chloroform-d	4.243	84	322271	53.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.980%
26) 1,2-Dichloroethane-d4	4.934	65	209632	59.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.280%
32) Benzene-d6	4.953	84	592682	50.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	5.982	67	198354	53.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.380%
41) Toluene-d8	7.239	98	518819	48.102	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.548	79	98612	54.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.520%
47) 2-Hexanone-d5	8.021	63	194813	114.744	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	310090	55.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	204874	47.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	155640	55.049	ug/L 98
3) Chloromethane	1.214	50	186773	60.978	ug/L 99
5) Vinyl chloride	1.282	62	170050	52.719	ug/L 99
6) Bromomethane	1.474	94	69871	34.069	ug/L 99
8) Chloroethane	1.536	64	116155	62.631	ug/L 99
9) Trichlorofluoromethane	1.706	101	215838	49.738	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	138415	50.322	ug/L 99
12) 1,1-Dichloroethene	2.063	96	125158	50.941	ug/L 88
13) Acetone	2.111	43	190736	93.812	ug/L 100
14) Carbon disulfide	2.233	76	390575	60.513	ug/L 99
15) Methyl Acetate	2.368	43	206812	62.706	ug/L 99
16) Methylene chloride	2.442	84	192139	61.718	ug/L 98
17) trans-1,2-Dichloroethene	2.687	96	146120	56.266	ug/L 98
18) Methyl tert-butyl Ether	2.699	73	579069	63.403	ug/L 99
19) 1,1-Dichloroethane	3.105	63	307103	56.317	ug/L 99
20) cis-1,2-Dichloroethene	3.809	96	177028	57.314	ug/L 99
22) 2-Butanone	3.860	43	249490	103.656	ug/L 100
23) Bromochloromethane	4.140	128	103523	61.284	ug/L 98
25) Chloroform	4.269	83	322967	57.380	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	262187	65.088	ug/L	99
29) Cyclohexane	4.577	56	198756	52.880	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	243422	50.525	ug/L	99
31) Carbon tetrachloride	4.728	117	208455	50.041	ug/L	100
33) Benzene	5.005	78	647497	56.958	ug/L	100
34) Trichloroethene	5.828	95	169757	56.115	ug/L	100
35) Methylcyclohexane	6.047	83	230245	53.951	ug/L	99
37) 1,2-Dichloropropane	6.088	63	188100	60.224	ug/L	99
38) Bromodichloromethane	6.429	83	247924	57.697	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	289685	59.083	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	498096	119.470	ug/L	98
42) Toluene	7.310	91	656759	55.069	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	279243	59.959	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	201725	60.389	ug/L	99
46) Tetrachloroethene	7.902	164	125311	51.286	ug/L	98
48) 2-Hexanone	8.072	43	389254	114.748	ug/L	99
49) Dibromochloromethane	8.172	129	202644	57.954	ug/L	99
50) 1,2-Dibromoethane	8.278	107	211184	60.512	ug/L	98
51) Chlorobenzene	8.812	112	428678	51.779	ug/L	100
52) Ethylbenzene	8.944	91	660411	51.257	ug/L	99
53) m,p-Xylene	9.069	106	259145	54.218	ug/L	96
54) o-Xylene	9.477	106	253442	52.622	ug/L	97
55) Styrene	9.493	104	465588	55.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	298483	52.224	ug/L	100
59) Bromoform	9.661	173	164003	58.592	ug/L	99
60) Isopropylbenzene	9.863	105	648841	51.920	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	254289	58.571	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	410730	41.066	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	529097	52.757	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	329468	50.914	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	341142	49.960	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	349411	51.610	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	75592	59.121	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	239543	48.769	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	220194	50.889	ug/L	99
71) Naphthalene	13.435	128	694343	57.254	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	250614	55.799	ug/L	99

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

