

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
 Data File : VV036842.D
 Acq On : 07 Aug 2024 17:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050349

Quant Time: Aug 08 02:39:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 02:35:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	479183	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	447513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136980	35.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.580%		
7) Chloroethane-d5	1.532	69	118740	39.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.680%		
11) 1,1-Dichloroethene-d2	2.060	65	61230	37.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.800%		
21) 2-Butanone-d5	3.796	46	175982	86.784	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.780%		
24) Chloroform-d	4.246	84	301035	43.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.660%		
26) 1,2-Dichloroethane-d4	4.937	65	191378	43.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.680%		
32) Benzene-d6	4.953	84	574185	42.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.960%		
36) 1,2-Dichloropropane-d6	5.985	67	192548	44.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.320%		
41) Toluene-d8	7.239	98	502441	40.523	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.040%		
43) trans-1,3-Dichloroprop...	7.551	79	87690	38.640	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.280%		
47) 2-Hexanone-d5	8.024	63	107971	86.115	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.110%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	229065	45.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.500%		
66) 1,2-Dichlorobenzene-d4	11.554	152	198190	43.574	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	178912	46.826	ug/L	99
3) Chloromethane	1.217	50	196832	49.226	ug/L	99
5) Vinyl chloride	1.281	62	197590	48.119	ug/L	100
6) Bromomethane	1.487	94	120486	46.604	ug/L	99
8) Chloroethane	1.548	64	121550	47.788	ug/L	99
9) Trichlorofluoromethane	1.712	101	244625	45.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	135397	42.721	ug/L	99
12) 1,1-Dichloroethene	2.069	96	140121	46.291	ug/L	97
13) Acetone	2.111	43	106658	62.865	ug/L	96
14) Carbon disulfide	2.240	76	409875	43.107	ug/L	99
15) Methyl Acetate	2.371	43	145054	41.502	ug/L	98
16) Methylene chloride	2.445	84	160183	47.072	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	145253	46.327	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	497362	45.040	ug/L	99
19) 1,1-Dichloroethane	3.108	63	298760	47.163	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	174808	47.501	ug/L	98
22) 2-Butanone	3.876	43	171319	75.375	ug/L	100
23) Bromochloromethane	4.143	128	85325	47.731	ug/L	96
25) Chloroform	4.272	83	307247	47.223	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	236161	46.016	ug/L	100
29) Cyclohexane	4.574	56	253793	44.511	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	259763	46.073	ug/L	99
31) Carbon tetrachloride	4.728	117	211839	44.739	ug/L	99
33) Benzene	5.005	78	654304	48.883	ug/L	100
34) Trichloroethene	5.828	95	175239	45.174	ug/L	96
35) Methylcyclohexane	6.043	83	247255	41.537	ug/L	98
37) 1,2-Dichloropropane	6.092	63	173074	48.811	ug/L	100
38) Bromodichloromethane	6.429	83	226206	46.327	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	276389	45.513	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	364647	83.017	ug/L	99
42) Toluene	7.310	91	674811	47.332	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	244534	43.213	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	159967	46.585	ug/L	99
46) Tetrachloroethene	7.902	164	114382	44.952	ug/L	98
48) 2-Hexanone	8.075	43	263773	81.628	ug/L	99
49) Dibromochloromethane	8.172	129	161417	45.743	ug/L	100
50) 1,2-Dibromoethane	8.278	107	164947	46.297	ug/L	99
51) Chlorobenzene	8.808	112	429404	46.941	ug/L	99
52) Ethylbenzene	8.940	91	755084	46.385	ug/L	100
53) m,p-Xylene	9.069	106	278069	45.698	ug/L	99
54) o-Xylene	9.474	106	277630	46.649	ug/L	100
55) Styrene	9.490	104	481418	47.202	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	217084	46.852	ug/L	99
59) Bromoform	9.661	173	104646	42.379	ug/L	98
60) Isopropylbenzene	9.863	105	741638	45.640	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	177586	44.197	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	615968	45.530	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	616717	45.538	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	319787	45.763	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	324299	45.638	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	315874	46.284	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	43901	37.809	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	214462	43.247	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	206622	43.443	ug/L	99
71) Naphthalene	13.432	128	617491	40.487	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	204548	43.936	ug/L	99

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

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