

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036861.D
 Acq On : 08 Aug 2024 18:36
 Operator : SY/MD
 Sample : P3480-11MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6MS

Quant Time: Aug 09 02:45:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:41:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	417261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	393925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	194226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142265	42.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.380%
7) Chloroethane-d5	1.532	69	123063	46.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	2.057	65	61479	43.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
21) 2-Butanone-d5	3.793	46	164199	92.989	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.990%
24) Chloroform-d	4.246	84	304646	50.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
26) 1,2-Dichloroethane-d4	4.937	65	193437	50.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	4.953	84	580990	48.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
36) 1,2-Dichloropropane-d6	5.986	67	195247	50.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.740%
41) Toluene-d8	7.240	98	505311	46.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.551	79	89388	44.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.500%
47) 2-Hexanone-d5	8.024	63	105451	95.546	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.550%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	232839	52.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.660%
66) 1,2-Dichlorobenzene-d4	11.555	152	204565	51.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	176693	53.108	ug/L	99
3) Chloromethane	1.217	50	184183	52.898	ug/L	99
5) Vinyl chloride	1.282	62	189199	52.913	ug/L	97
6) Bromomethane	1.487	94	113513	50.422	ug/L	99
8) Chloroethane	1.548	64	117867	53.217	ug/L	99
9) Trichlorofluoromethane	1.712	101	241374	51.536	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	141759	51.366	ug/L	99
12) 1,1-Dichloroethene	2.069	96	135540	51.423	ug/L	95
13) Acetone	2.111	43	108651	73.543	ug/L	100
14) Carbon disulfide	2.240	76	383766	46.351	ug/L	99
15) Methyl Acetate	2.372	43	126017	41.406	ug/L	98
16) Methylene chloride	2.442	84	154023	51.979	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	142060	52.032	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	476595	49.564	ug/L	99
19) 1,1-Dichloroethane	3.105	63	291726	52.887	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	167978	52.419	ug/L	96
22) 2-Butanone	3.876	43	162995	82.355	ug/L	98
23) Bromochloromethane	4.140	128	80687	51.834	ug/L	94
25) Chloroform	4.272	83	294492	51.980	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	226829	50.757	ug/L	100
29) Cyclohexane	4.574	56	258699	51.543	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	249487	50.270	ug/L	100
31) Carbon tetrachloride	4.728	117	207398	49.760	ug/L	99
33) Benzene	5.005	78	628709	53.360	ug/L	100
34) Trichloroethene	5.828	95	169679	49.691	ug/L	96
35) Methylcyclohexane	6.043	83	258152	49.267	ug/L	98
37) 1,2-Dichloropropane	6.088	63	167095	53.535	ug/L	100
38) Bromodichloromethane	6.429	83	215624	50.167	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	274349	51.323	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	353991	91.554	ug/L	99
42) Toluene	7.310	91	654804	52.177	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	238090	47.798	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	156271	51.700	ug/L	99
46) Tetrachloroethene	7.902	164	111179	49.638	ug/L	99
48) 2-Hexanone	8.076	43	254431	89.448	ug/L	98
49) Dibromochloromethane	8.172	129	153609	49.453	ug/L	100
50) 1,2-Dibromoethane	8.278	107	159467	50.848	ug/L	97
51) Chlorobenzene	8.809	112	419518	52.099	ug/L	100
52) Ethylbenzene	8.940	91	741448	51.743	ug/L	99
53) m,p-Xylene	9.069	106	272765	50.925	ug/L	98
54) o-Xylene	9.474	106	271224	51.772	ug/L	98
55) Styrene	9.490	104	467994	52.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	210979	51.729	ug/L	99
59) Bromoform	9.661	173	99232	46.182	ug/L	99
60) Isopropylbenzene	9.860	105	730725	51.678	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	170046	48.635	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	604245	51.328	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	595106	50.499	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	313397	51.540	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	310850	50.272	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	311775	52.500	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	42011	41.579	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	208470	48.311	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	197281	47.669	ug/L	98
71) Naphthalene	13.432	128	587026	44.232	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	198831	49.080	ug/L	99

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

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