

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036862.D
 Acq On : 08 Aug 2024 18:57
 Operator : SY/MD
 Sample : P3480-12MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6MSD

Quant Time: Aug 09 02:46:24 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	411769	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	393228	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	190927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139151	42.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.620%
7) Chloroethane-d5	1.532	69	121811	46.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.940%
11) 1,1-Dichloroethene-d2	2.060	65	59634	42.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.780%
21) 2-Butanone-d5	3.796	46	164344	94.313	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.310%
24) Chloroform-d	4.246	84	299787	50.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
26) 1,2-Dichloroethane-d4	4.937	65	186048	49.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.060%
32) Benzene-d6	4.953	84	562920	47.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.986	67	190859	49.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.620%
41) Toluene-d8	7.240	98	496651	45.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.180%
43) trans-1,3-Dichloroprop...	7.551	79	87927	44.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.180%
47) 2-Hexanone-d5	8.024	63	105747	95.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	226785	51.547	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.100%
66) 1,2-Dichlorobenzene-d4	11.554	152	197454	50.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	175040	53.313	ug/L	98
3) Chloromethane	1.217	50	182245	53.040	ug/L	100
5) Vinyl chloride	1.282	62	186400	52.826	ug/L	99
6) Bromomethane	1.487	94	112781	50.765	ug/L	98
8) Chloroethane	1.548	64	115606	52.892	ug/L	99
9) Trichlorofluoromethane	1.712	101	243249	52.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	138380	50.811	ug/L	99
12) 1,1-Dichloroethene	2.069	96	133719	51.409	ug/L	97
13) Acetone	2.111	43	105552	72.398	ug/L	99
14) Carbon disulfide	2.240	76	386329	47.282	ug/L	100
15) Methyl Acetate	2.372	43	122804	40.888	ug/L	99
16) Methylene chloride	2.446	84	153637	52.540	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	141938	52.681	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	472188	49.761	ug/L	100
19) 1,1-Dichloroethane	3.105	63	288432	52.987	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	165961	52.480	ug/L	98
22) 2-Butanone	3.876	43	166253	85.122	ug/L	99
23) Bromochloromethane	4.140	128	80679	52.521	ug/L	97
25) Chloroform	4.272	83	294199	52.621	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	224966	51.012	ug/L	99
29) Cyclohexane	4.574	56	255176	50.931	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	247246	49.907	ug/L	100
31) Carbon tetrachloride	4.728	117	208414	50.092	ug/L	100
33) Benzene	5.005	78	624529	53.100	ug/L	100
34) Trichloroethene	5.828	95	167941	49.269	ug/L	99
35) Methylcyclohexane	6.043	83	252502	48.274	ug/L	99
37) 1,2-Dichloropropane	6.092	63	166023	53.286	ug/L	99
38) Bromodichloromethane	6.429	83	216898	50.552	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	273392	51.235	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	361432	93.645	ug/L	100
42) Toluene	7.310	91	655699	52.341	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	236454	47.554	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	153762	50.960	ug/L	99
46) Tetrachloroethene	7.902	164	110313	49.338	ug/L	98
48) 2-Hexanone	8.076	43	255693	90.051	ug/L	98
49) Dibromochloromethane	8.172	129	154890	49.953	ug/L	98
50) 1,2-Dibromoethane	8.278	107	159042	50.803	ug/L	98
51) Chlorobenzene	8.809	112	413543	51.448	ug/L	100
52) Ethylbenzene	8.940	91	736367	51.480	ug/L	99
53) m,p-Xylene	9.069	106	270906	50.667	ug/L	97
54) o-Xylene	9.474	106	267227	51.100	ug/L	99
55) Styrene	9.490	104	464778	51.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	212047	52.083	ug/L	98
59) Bromoform	9.661	173	100680	47.666	ug/L	98
60) Isopropylbenzene	9.863	105	725442	52.190	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	171925	50.022	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	593916	51.322	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	593540	51.237	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	310132	51.885	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	316582	52.084	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	312965	53.611	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	43068	43.362	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	209484	49.385	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	202148	49.689	ug/L	99
71) Naphthalene	13.432	128	633523	48.560	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	199811	50.174	ug/L	100

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

