

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036796.D
 Acq On : 05 Aug 2024 18:38
 Operator : SY/MD
 Sample : P3437-08MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05W7MSD

Quant Time: Aug 06 03:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	460798	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	431666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178999	48.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.280%
7) Chloroethane-d5	1.532	69	146693	50.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	2.060	65	77983	49.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
21) 2-Butanone-d5	3.796	46	180921	92.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	4.246	84	341339	51.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	4.940	65	219808	51.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.520%
32) Benzene-d6	4.953	84	677749	51.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
36) 1,2-Dichloropropane-d6	5.985	67	221408	52.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.239	98	614224	51.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.720%
43) trans-1,3-Dichloroprop...	7.551	79	108733	49.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.340%
47) 2-Hexanone-d5	8.024	63	123876	102.427	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.430%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249762	51.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.420%
66) 1,2-Dichlorobenzene-d4	11.554	152	224233	51.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	173966	47.348	ug/L	100
3) Chloromethane	1.217	50	175732	45.702	ug/L	99
5) Vinyl chloride	1.281	62	179989	45.581	ug/L	100
6) Bromomethane	1.487	94	109691	44.121	ug/L	98
8) Chloroethane	1.548	64	111741	45.684	ug/L	99
9) Trichlorofluoromethane	1.712	101	231827	44.821	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	133927	43.943	ug/L	99
12) 1,1-Dichloroethene	2.069	96	128741	44.229	ug/L	94
13) Acetone	2.114	43	115260	70.645	ug/L	99
14) Carbon disulfide	2.240	76	399070	43.645	ug/L	99
15) Methyl Acetate	2.371	43	123375	36.707	ug/L	100
16) Methylene chloride	2.445	84	142880	43.662	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	132577	43.971	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	458066	43.136	ug/L	99
19) 1,1-Dichloroethane	3.105	63	267464	43.907	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	159104	44.959	ug/L	99
22) 2-Butanone	3.879	43	170643	78.074	ug/L	97
23) Bromochloromethane	4.140	128	76238	44.349	ug/L	96
25) Chloroform	4.272	83	283504	45.313	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	214036	43.369	ug/L	100
29) Cyclohexane	4.574	56	252518	45.913	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	243949	44.856	ug/L	98
31) Carbon tetrachloride	4.728	117	202684	44.377	ug/L	99
33) Benzene	5.005	78	595116	46.093	ug/L	100
34) Trichloroethene	5.828	95	164234	43.891	ug/L	100
35) Methylcyclohexane	6.043	83	255196	44.445	ug/L	99
37) 1,2-Dichloropropane	6.092	63	155093	45.345	ug/L	99
38) Bromodichloromethane	6.429	83	207665	44.091	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	267732	45.706	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	362009	85.442	ug/L	98
42) Toluene	7.310	91	626450	45.553	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	235528	43.150	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	146382	44.194	ug/L	99
46) Tetrachloroethene	7.902	164	107858	43.945	ug/L	98
48) 2-Hexanone	8.075	43	270791	86.876	ug/L	99
49) Dibromochloromethane	8.175	129	151054	44.378	ug/L	98
50) 1,2-Dibromoethane	8.281	107	151513	44.088	ug/L	96
51) Chlorobenzene	8.812	112	398050	45.111	ug/L	100
52) Ethylbenzene	8.944	91	710065	45.220	ug/L	100
53) m,p-Xylene	9.069	106	262772	44.770	ug/L	98
54) o-Xylene	9.474	106	258165	44.971	ug/L	100
55) Styrene	9.493	104	436670	44.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	204035	45.652	ug/L	99
59) Bromoform	9.661	173	102194	43.631	ug/L	98
60) Isopropylbenzene	9.863	105	698331	45.305	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	168223	44.138	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	570979	44.494	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	577411	44.949	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	297520	44.886	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	303999	45.101	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	295456	45.640	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	45879	41.655	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	205439	43.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	195082	43.242	ug/L	100
71) Naphthalene	13.432	128	638963	44.167	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	194843	44.121	ug/L	99

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

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