

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037680.D
 Acq On : 01 Oct 2024 00:34
 Operator : SY/MD
 Sample : P4206-02MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY052MS

Quant Time: Oct 01 07:48:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	642908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334608	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	253657	44.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.900%		
7) Chloroethane-d5	1.532	69	201747	46.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.100%		
11) 1,1-Dichloroethene-d2	2.060	65	107698	45.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.360%		
21) 2-Butanone-d5	3.789	46	158323	78.761	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.760%		
24) Chloroform-d	4.243	84	472481	47.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.120%		
26) 1,2-Dichloroethane-d4	4.937	65	272273	46.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.660%		
32) Benzene-d6	4.953	84	917176	47.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
36) 1,2-Dichloropropane-d6	5.985	67	290668	47.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.160%		
41) Toluene-d8	7.236	98	860597	48.952	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.900%		
43) trans-1,3-Dichloroprop...	7.548	79	127285	44.382	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.760%		
47) 2-Hexanone-d5	8.024	63	119444	91.623	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.620%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323266	45.064	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.120%		
66) 1,2-Dichlorobenzene-d4	11.554	152	323874	45.934	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	268573	49.071	ug/L	99
3) Chloromethane	1.217	50	267918	50.422	ug/L	100
5) Vinyl chloride	1.285	62	281324	49.385	ug/L	100
6) Bromomethane	1.487	94	158060	49.998	ug/L	99
8) Chloroethane	1.548	64	171431	48.826	ug/L	97
9) Trichlorofluoromethane	1.716	101	383164	49.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	227142	49.572	ug/L	99
12) 1,1-Dichloroethene	2.069	96	212006	49.532	ug/L	93
13) Acetone	2.111	43	122339	62.082	ug/L	99
14) Carbon disulfide	2.240	76	616985	46.181	ug/L	100
15) Methyl Acetate	2.371	43	134580	39.134	ug/L	97
16) Methylene chloride	2.445	84	238055	49.121	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	224178	49.509	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	660635	50.854	ug/L	99
19) 1,1-Dichloroethane	3.108	63	457132	52.692	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	269017	53.091	ug/L	100
22) 2-Butanone	3.873	43	179923	82.491	ug/L	95
23) Bromochloromethane	4.140	128	132033	50.373	ug/L	98
25) Chloroform	4.272	83	453200	50.455	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	326785	51.534	ug/L	99
29) Cyclohexane	4.577	56	353302	50.222	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	389881	51.091	ug/L	100
31) Carbon tetrachloride	4.728	117	337471	50.866	ug/L	100
33) Benzene	5.005	78	959606	51.354	ug/L	100
34) Trichloroethene	5.828	95	250240	50.286	ug/L	98
35) Methylcyclohexane	6.043	83	372195	48.618	ug/L	99
37) 1,2-Dichloropropane	6.088	63	249670	51.742	ug/L	99
38) Bromodichloromethane	6.429	83	332237	51.507	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	384700	49.945	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	398621	101.462	ug/L	100
42) Toluene	7.310	91	1017577	52.529	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	345272	49.790	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	237619	51.286	ug/L	99
46) Tetrachloroethene	7.899	164	184782	48.566	ug/L	98
48) 2-Hexanone	8.072	43	274559	89.873	ug/L	99
49) Dibromochloromethane	8.172	129	249830	50.947	ug/L	98
50) 1,2-Dibromoethane	8.275	107	242122	50.554	ug/L	98
51) Chlorobenzene	8.808	112	664318	50.335	ug/L	100
52) Ethylbenzene	8.940	91	1115646	51.163	ug/L	100
53) m,p-Xylene	9.066	106	424438	52.300	ug/L	97
54) o-Xylene	9.471	106	414199	52.278	ug/L	98
55) Styrene	9.490	104	731869	53.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	321878	49.828	ug/L	98
59) Bromoform	9.657	173	162031	49.545	ug/L	98
60) Isopropylbenzene	9.860	105	1118483	51.415	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	227637	47.810	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	885724	51.499	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	884001	51.658	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	523612	50.006	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	535843	49.145	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	515448	49.796	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	51584	44.631	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	338286	46.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	304933	45.643	ug/L	100
71) Naphthalene	13.432	128	780748	44.730	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	302178	45.802	ug/L	99

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

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