

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035508.D
 Acq On : 01 May 2024 19:47
 Operator : SY/MD
 Sample : P2220-05MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0813MSD

Quant Time: May 02 01:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	502293	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	503360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	268962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	171106	44.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.360%
7) Chloroethane-d5	1.529	69	140883	49.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	2.056	65	75576	45.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.920%
21) 2-Butanone-d5	3.790	46	252505	96.603	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	4.246	84	338901	47.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	4.941	65	199796	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.520%
32) Benzene-d6	4.957	84	670498	47.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	5.986	67	206483	46.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.480%
41) Toluene-d8	7.240	98	624878	48.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.900%
43) trans-1,3-Dichloroprop...	7.551	79	100755	46.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.021	63	204655	100.812	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.810%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	322594	47.923	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	246588	46.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158742	47.174	ug/L	100
3) Chloromethane	1.214	50	168377	46.189	ug/L	99
5) Vinyl chloride	1.282	62	185465	48.311	ug/L	100
6) Bromomethane	1.484	94	117796	48.259	ug/L	100
8) Chloroethane	1.545	64	120083	54.403	ug/L	100
9) Trichlorofluoromethane	1.709	101	250395	48.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	155311	47.443	ug/L	99
12) 1,1-Dichloroethene	2.066	96	140897	48.183	ug/L	90
13) Acetone	2.121	43	197781	81.733	ug/L	100
14) Carbon disulfide	2.237	76	357617	46.553	ug/L	99
15) Methyl Acetate	2.375	43	194462	49.540	ug/L	98
16) Methylene chloride	2.442	84	184053	49.674	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	153296	49.597	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	547116	50.333	ug/L	100
19) 1,1-Dichloroethane	3.108	63	318238	49.034	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	186626	50.767	ug/L	98
22) 2-Butanone	3.870	43	261009	91.115	ug/L	97
23) Bromochloromethane	4.146	128	99654	49.567	ug/L	98
25) Chloroform	4.272	83	332937	49.700	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	244772	51.056	ug/L	99
29) Cyclohexane	4.580	56	212514	47.286	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	282255	48.997	ug/L	99
31) Carbon tetrachloride	4.732	117	241782	48.542	ug/L	100
33) Benzene	5.008	78	673341	49.537	ug/L	100
34) Trichloroethene	5.831	95	173525	47.972	ug/L	98
35) Methylcyclohexane	6.050	83	242836	47.589	ug/L	100
37) 1,2-Dichloropropane	6.092	63	187401	50.180	ug/L	98
38) Bromodichloromethane	6.429	83	257094	50.038	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	287309	49.007	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	520300	104.370	ug/L	99
42) Toluene	7.314	91	724053	50.775	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	282952	50.812	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	198384	49.669	ug/L	99
46) Tetrachloroethene	7.902	164	141561	48.454	ug/L	98
48) 2-Hexanone	8.072	43	416337	102.644	ug/L	99
49) Dibromochloromethane	8.175	129	206356	49.356	ug/L	99
50) 1,2-Dibromoethane	8.278	107	209999	50.324	ug/L	100
51) Chlorobenzene	8.812	112	490080	49.507	ug/L	100
52) Ethylbenzene	8.944	91	785168	50.966	ug/L	100
53) m,p-Xylene	9.072	106	293755	51.400	ug/L	98
54) o-Xylene	9.477	106	291930	50.692	ug/L	99
55) Styrene	9.493	104	537497	54.003	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	338733	49.566	ug/L	100
59) Bromoform	9.664	173	173071	49.750	ug/L	98
60) Isopropylbenzene	9.866	105	792333	51.014	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	260036	48.192	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	635860	51.153	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	645869	51.817	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	399228	49.639	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	412486	48.605	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	410762	48.816	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	79436	49.988	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	300922	49.294	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	271940	50.567	ug/L	98
71) Naphthalene	13.435	128	846922	56.190	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	300285	53.794	ug/L	99

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

