

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025988.D
 Acq On : 02 Jun 2022 16:46
 Operator : SY/MD
 Sample : N3171-14MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTZ0MS

Quant Time: Jun 03 00:08:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	335483	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	340574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	192182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	158781	36.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.340%
7) Chloroethane-d5	1.571	69	139987	36.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.640%
11) 1,1-Dichloroethene-d2	2.111	63	310975	41.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.140%
21) 2-Butanone-d5	3.896	46	162441	87.533	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.530%
24) Chloroform-d	4.352	84	280542	46.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.034	65	163404	44.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.050	84	551781	46.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
36) 1,2-Dichloropropane-d6	6.069	67	171361	46.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.980%
41) Toluene-d8	7.317	98	511236	46.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	7.622	79	77764	47.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.540%
47) 2-Hexanone-d5	8.088	63	136402	102.025	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.030%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	254332	52.299	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	202351	48.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	157274	45.342	ug/L	99
3) Chloromethane	1.243	50	186661	44.497	ug/L	100
5) Vinyl chloride	1.314	62	200855	47.096	ug/L	99
6) Bromomethane	1.526	94	115996	44.760	ug/L	99
8) Chloroethane	1.587	64	133838	42.021	ug/L	98
9) Trichlorofluoromethane	1.754	101	287808	47.487	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	162734	50.537	ug/L	98
12) 1,1-Dichloroethene	2.121	96	158473	50.037	ug/L	87
13) Acetone	2.185	43	107894	85.199	ug/L	98
14) Carbon disulfide	2.294	76	370966	47.354	ug/L	100
15) Methyl Acetate	2.439	43	127414	46.962	ug/L	98
16) Methylene chloride	2.510	84	164080	53.486	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	142810	52.484	ug/L	97
18) Methyl tert-butyl Ether	2.773	73	449982	56.861	ug/L	99
19) 1,1-Dichloroethane	3.191	63	276773	54.458	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	157772	53.717	ug/L	99
22) 2-Butanone	3.979	43	163394	96.750	ug/L	95
23) Bromochloromethane	4.249	128	84946	54.755	ug/L	98
25) Chloroform	4.378	83	291583	54.141	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	205497	50.468	ug/L	99
29) Cyclohexane	4.680	56	220238	53.415	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	249081	53.851	ug/L	97
31) Carbon tetrachloride	4.828	117	203636	52.440	ug/L	100
33) Benzene	5.101	78	627330	54.705	ug/L	100
34) Trichloroethene	5.915	95	155974	52.002	ug/L	98
35) Methylcyclohexane	6.130	83	244892	54.515	ug/L	99
37) 1,2-Dichloropropane	6.172	63	168250	58.406	ug/L	100
38) Bromodichloromethane	6.510	83	214521	55.068	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	230017	55.993	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	412143	122.396	ug/L	98
42) Toluene	7.387	91	682508	55.480	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	218054	55.174	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	166956	57.040	ug/L	100
46) Tetrachloroethene	7.976	164	118309	53.473	ug/L	97
48) 2-Hexanone	8.140	43	319768	122.049	ug/L	98
49) Dibromochloromethane	8.246	129	158779	54.995	ug/L	100
50) 1,2-Dibromoethane	8.352	107	170223	57.188	ug/L	98
51) Chlorobenzene	8.879	112	425721	54.042	ug/L	99
52) Ethylbenzene	9.011	91	710250	55.961	ug/L	100
53) m,p-Xylene	9.136	106	277162	56.301	ug/L	99
54) o-Xylene	9.542	106	276704	57.220	ug/L	100
55) Styrene	9.558	104	496593	58.935	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	263154	60.257	ug/L	99
59) Bromoform	9.731	173	98618	53.195	ug/L	99
60) Isopropylbenzene	9.931	105	722264	56.107	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	208465	54.803	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	369908	55.748	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	588450	57.159	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	333042	54.656	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	342532	53.640	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	343102	54.438	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	49948	56.874	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	227791	54.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	196744	54.915	ug/L	99
71) Naphthalene	13.500	128	659485	62.155	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	209984	57.515	ug/L	99

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

