

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025989.D
 Acq On : 02 Jun 2022 17:10
 Operator : SY/MD
 Sample : N3171-15MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTZ0MSD

Quant Time: Jun 03 00:09:10 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	338771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	337279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	187772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	155188	35.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.980%
7) Chloroethane-d5	1.571	69	133960	34.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.780%#
11) 1,1-Dichloroethene-d2	2.111	63	305267	39.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	3.896	46	161659	86.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.270%
24) Chloroform-d	4.352	84	275693	45.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
26) 1,2-Dichloroethane-d4	5.034	65	159242	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
32) Benzene-d6	5.050	84	543264	46.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.069	67	171095	47.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.317	98	500855	46.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	7.622	79	75903	47.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.088	63	137011	103.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	248504	51.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	196341	47.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	151747	43.324	ug/L	100
3) Chloromethane	1.243	50	177571	41.919	ug/L	100
5) Vinyl chloride	1.314	62	190537	44.243	ug/L	100
6) Bromomethane	1.526	94	112033	42.811	ug/L	98
8) Chloroethane	1.587	64	125647	39.066	ug/L	99
9) Trichlorofluoromethane	1.754	101	274125	44.790	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	154516	47.519	ug/L	98
12) 1,1-Dichloroethene	2.121	96	145278	45.425	ug/L	92
13) Acetone	2.185	43	108494	84.841	ug/L	98
14) Carbon disulfide	2.294	76	355742	44.970	ug/L	100
15) Methyl Acetate	2.439	43	126168	46.052	ug/L	98
16) Methylene chloride	2.510	84	155028	50.045	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	135668	49.375	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	429003	53.684	ug/L	99
19) 1,1-Dichloroethane	3.191	63	262947	51.235	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	152975	51.578	ug/L	97
22) 2-Butanone	3.982	43	153931	90.262	ug/L	99
23) Bromochloromethane	4.249	128	79855	50.974	ug/L	98
25) Chloroform	4.378	83	276934	50.922	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	196314	47.745	ug/L	99
29) Cyclohexane	4.680	56	212465	52.033	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	237406	51.829	ug/L	97
31) Carbon tetrachloride	4.828	117	195018	50.711	ug/L	100
33) Benzene	5.101	78	598935	52.739	ug/L	100
34) Trichloroethene	5.915	95	149074	50.187	ug/L	98
35) Methylcyclohexane	6.130	83	227060	51.039	ug/L	98
37) 1,2-Dichloropropane	6.175	63	155560	54.528	ug/L	100
38) Bromodichloromethane	6.510	83	203293	52.696	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	223548	54.949	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	395895	118.719	ug/L	97
42) Toluene	7.387	91	649352	53.300	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	210896	53.884	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	156580	54.017	ug/L	99
46) Tetrachloroethene	7.976	164	113161	51.646	ug/L	97
48) 2-Hexanone	8.140	43	305177	117.618	ug/L	96
49) Dibromochloromethane	8.246	129	151439	52.965	ug/L	100
50) 1,2-Dibromoethane	8.352	107	159398	54.075	ug/L	95
51) Chlorobenzene	8.879	112	407306	52.210	ug/L	100
52) Ethylbenzene	9.011	91	671652	53.437	ug/L	100
53) m,p-Xylene	9.136	106	262248	53.792	ug/L	99
54) o-Xylene	9.542	106	259967	54.284	ug/L	98
55) Styrene	9.558	104	466531	55.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	253487	58.610	ug/L	100
59) Bromoform	9.731	173	96162	53.089	ug/L	99
60) Isopropylbenzene	9.931	105	684547	54.426	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	195424	52.581	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	350464	54.058	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	560839	55.756	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	320313	53.802	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	321275	51.493	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	326669	53.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	47701	55.591	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	221668	53.924	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	191958	54.838	ug/L	99
71) Naphthalene	13.500	128	658441	63.515	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205609	57.640	ug/L	100

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

