

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031148.D
 Acq On : 20 May 2023 08:52
 Operator : SY/MD
 Sample : 02865-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MSD

Quant Time: May 22 00:16:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	262162	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	254361	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	98669	44.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.080%
7) Chloroethane-d5	1.532	69	78908	45.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.063	65	46874	44.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
21) 2-Butanone-d5	3.793	46	121227	101.544	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	4.256	84	191191	48.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	4.947	65	128776	48.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	4.966	84	336756	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	5.995	67	97695	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.700%
41) Toluene-d8	7.249	98	317379	49.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	7.558	79	50207	48.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.000%
47) 2-Hexanone-d5	8.030	63	80536	100.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.110%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	151277	48.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	132092	51.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75710	44.733	ug/L	99
3) Chloromethane	1.217	50	93865	50.658	ug/L	99
5) Vinyl chloride	1.285	62	79740	48.181	ug/L	100
6) Bromomethane	1.481	94	40547	43.716	ug/L	99
8) Chloroethane	1.548	64	50851	47.682	ug/L	97
9) Trichlorofluoromethane	1.716	101	154070	47.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	77449	45.117	ug/L	95
12) 1,1-Dichloroethene	2.073	96	68795	47.241	ug/L	93
13) Acetone	2.114	43	118930	76.627	ug/L	99
14) Carbon disulfide	2.246	76	124341	46.854	ug/L	99
15) Methyl Acetate	2.375	43	65324	37.033	ug/L	99
16) Methylene chloride	2.452	84	77673	47.910	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	64839	48.157	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	269888	51.889	ug/L	99
19) 1,1-Dichloroethane	3.118	63	149388	48.685	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	85357	51.426	ug/L	99
22) 2-Butanone	3.873	43	131658	88.459	ug/L	98
23) Bromochloromethane	4.156	128	44450	48.733	ug/L	98
25) Chloroform	4.281	83	168099	49.041	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	147463	50.704	ug/L	99
29) Cyclohexane	4.593	56	95818	47.872	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	154181	49.397	ug/L	99
31) Carbon tetrachloride	4.741	117	132286	48.649	ug/L	99
33) Benzene	5.015	78	305183	50.081	ug/L	100
34) Trichloroethene	5.838	95	176429	108.053	ug/L	98
35) Methylcyclohexane	6.056	83	99346	45.852	ug/L	100
37) 1,2-Dichloropropane	6.101	63	81131	48.372	ug/L	98
38) Bromodichloromethane	6.439	83	127874	49.183	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	119164	46.075	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	268652	104.092	ug/L	100
42) Toluene	7.323	91	334893	50.795	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	127644	48.786	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	91209	49.835	ug/L	98
46) Tetrachloroethene	7.912	164	65955	47.042	ug/L	92
48) 2-Hexanone	8.082	43	213106	99.135	ug/L	97
49) Dibromochloromethane	8.182	129	101565	49.184	ug/L	96
50) 1,2-Dibromoethane	8.288	107	88948	48.882	ug/L	99
51) Chlorobenzene	8.821	112	227499	48.480	ug/L	99
52) Ethylbenzene	8.953	91	367938	48.743	ug/L	96
53) m,p-Xylene	9.079	106	140469	47.972	ug/L	98
54) o-Xylene	9.484	106	144225	49.929	ug/L	99
55) Styrene	9.503	104	258835	50.665	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	150443	50.028	ug/L	99
59) Bromoform	9.670	173	83572	50.822	ug/L	99
60) Isopropylbenzene	9.873	105	394332	51.991	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	116908	53.585	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	321290	51.535	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	321992	52.821	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	196395	50.535	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	203637	50.367	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	206819	52.448	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	33856	50.553	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	139141	46.315	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	121069	47.353	ug/L	100
71) Naphthalene	13.445	128	322584	48.574	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	127124	49.757	ug/L	98

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

