

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031147.D
 Acq On : 20 May 2023 08:27
 Operator : SY/MD
 Sample : 02865-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MS

Quant Time: May 22 00:15:54 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	260255	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	255276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	148435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91504	41.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.280%
7) Chloroethane-d5	1.532	69	74101	43.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.500%
11) 1,1-Dichloroethene-d2	2.063	65	43881	42.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.140%
21) 2-Butanone-d5	3.793	46	111460	94.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.050%
24) Chloroform-d	4.259	84	181207	46.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
26) 1,2-Dichloroethane-d4	4.947	65	125572	47.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	4.966	84	315436	45.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	5.995	67	94449	45.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.249	98	301023	46.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	7.558	79	44839	43.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
47) 2-Hexanone-d5	8.031	63	73429	90.953	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143067	46.067	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.140%
66) 1,2-Dichlorobenzene-d4	11.567	152	123890	46.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	79713	47.443	ug/L	100
3) Chloromethane	1.217	50	93441	50.798	ug/L	99
5) Vinyl chloride	1.288	62	78367	47.698	ug/L	95
6) Bromomethane	1.484	94	41614	45.195	ug/L	99
8) Chloroethane	1.548	64	51876	48.999	ug/L	97
9) Trichlorofluoromethane	1.716	101	158768	49.131	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	80293	47.116	ug/L	96
12) 1,1-Dichloroethene	2.073	96	69938	48.378	ug/L	96
13) Acetone	2.114	43	121848	79.083	ug/L	100
14) Carbon disulfide	2.246	76	127815	48.516	ug/L	99
15) Methyl Acetate	2.375	43	70005	39.977	ug/L	100
16) Methylene chloride	2.452	84	80396	49.953	ug/L	97
17) trans-1,2-Dichloroethene	2.700	96	67297	50.348	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	272757	52.825	ug/L	99
19) 1,1-Dichloroethane	3.118	63	154291	50.652	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	85525	51.905	ug/L	96
22) 2-Butanone	3.873	43	131422	88.947	ug/L	100
23) Bromochloromethane	4.156	128	46195	51.018	ug/L	96
25) Chloroform	4.285	83	174289	51.219	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	151997	52.646	ug/L	99
29) Cyclohexane	4.593	56	97770	48.672	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	158850	50.710	ug/L	99
31) Carbon tetrachloride	4.744	117	136598	50.055	ug/L	99
33) Benzene	5.018	78	324814	53.112	ug/L	100
34) Trichloroethene	5.838	95	179219	109.368	ug/L	98
35) Methylcyclohexane	6.056	83	104777	48.185	ug/L	99
37) 1,2-Dichloropropane	6.101	63	89549	53.200	ug/L #	97
38) Bromodichloromethane	6.439	83	129791	49.741	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	120141	46.286	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	272570	105.231	ug/L	99
42) Toluene	7.323	91	352973	53.345	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	130966	49.877	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	93774	51.053	ug/L	99
46) Tetrachloroethene	7.912	164	67419	47.913	ug/L	99
48) 2-Hexanone	8.082	43	219567	101.775	ug/L	97
49) Dibromochloromethane	8.182	129	104720	50.530	ug/L	96
50) 1,2-Dibromoethane	8.288	107	92125	50.446	ug/L	100
51) Chlorobenzene	8.821	112	235787	50.067	ug/L	98
52) Ethylbenzene	8.953	91	390054	51.488	ug/L	99
53) m,p-Xylene	9.079	106	150026	51.053	ug/L	98
54) o-Xylene	9.484	106	145699	50.259	ug/L	97
55) Styrene	9.503	104	267918	52.255	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	155044	51.373	ug/L	99
59) Bromoform	9.670	173	86085	50.016	ug/L	100
60) Isopropylbenzene	9.873	105	406034	51.147	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	121710	53.299	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	330693	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	334326	52.400	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	204969	50.390	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	210068	49.642	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	215624	52.243	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	33478	47.760	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	141624	45.040	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	119848	44.786	ug/L	99
71) Naphthalene	13.445	128	294179	42.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	122967	45.984	ug/L	98

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

