

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031491.D
 Acq On : 09 Jun 2023 13:01
 Operator : SY/MD
 Sample : 03098-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MSD

Quant Time: Jun 10 01:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	235067	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	237443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	144893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69101	33.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.820%
7) Chloroethane-d5	1.532	69	71071	42.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	2.063	65	39095	39.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.760%
21) 2-Butanone-d5	3.793	46	148411	99.293	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.290%
24) Chloroform-d	4.256	84	193934	49.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.947	65	129295	48.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
32) Benzene-d6	4.966	84	330718	47.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	5.995	67	119602	49.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	7.249	98	308735	47.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	7.558	79	55749	45.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
47) 2-Hexanone-d5	8.031	63	89418	97.431	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.430%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147690	48.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.060%
66) 1,2-Dichlorobenzene-d4	11.567	152	126315	46.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	48396	51.340	ug/L	100
3) Chloromethane	1.217	50	38223	49.966	ug/L	96
5) Vinyl chloride	1.285	62	46538	50.990	ug/L	99
6) Bromomethane	1.487	94	28307	51.603	ug/L	99
8) Chloroethane	1.548	64	37989	51.661	ug/L	94
9) Trichlorofluoromethane	1.716	101	116263	52.775	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74801	52.505	ug/L	97
12) 1,1-Dichloroethene	2.073	96	48576	51.799	ug/L	90
13) Acetone	2.118	43	100957	75.503	ug/L	98
14) Carbon disulfide	2.243	76	36161	45.080	ug/L	100
15) Methyl Acetate	2.375	43	108439	53.706	ug/L	99
16) Methylene chloride	2.449	84	73969	52.254	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	47639	53.580	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	297974	54.523	ug/L	100
19) 1,1-Dichloroethane	3.118	63	169027	54.959	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	78768	54.491	ug/L	99
22) 2-Butanone	3.876	43	148319	90.252	ug/L	95
23) Bromochloromethane	4.156	128	42673	56.138	ug/L	93
25) Chloroform	4.281	83	188076	54.840	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	140152	55.966	ug/L	98
29) Cyclohexane	4.590	56	63537	49.962	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	153156	54.645	ug/L	99
31) Carbon tetrachloride	4.741	117	123741	53.147	ug/L	98
33) Benzene	5.015	78	285355	54.466	ug/L	100
34) Trichloroethene	5.838	95	92510	56.046	ug/L	98
35) Methylcyclohexane	6.056	83	68752	48.701	ug/L	99
37) 1,2-Dichloropropane	6.098	63	108624	57.602	ug/L	98
38) Bromodichloromethane	6.439	83	149451	54.147	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	147047	52.192	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	344949	112.604	ug/L	99
42) Toluene	7.320	91	329525	56.192	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	158620	55.507	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	108162	55.490	ug/L	99
46) Tetrachloroethene	7.912	164	58746	54.823	ug/L	94
48) 2-Hexanone	8.082	43	262465	109.459	ug/L	98
49) Dibromochloromethane	8.182	129	119082	56.004	ug/L	97
50) 1,2-Dibromoethane	8.288	107	102650	54.702	ug/L	99
51) Chlorobenzene	8.818	112	239388	53.687	ug/L	99
52) Ethylbenzene	8.953	91	400309	54.850	ug/L	100
53) m,p-Xylene	9.079	106	145012	55.137	ug/L	95
54) o-Xylene	9.484	106	147112	55.448	ug/L	98
55) Styrene	9.500	104	286703	59.272	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	151819	50.810	ug/L	97
59) Bromoform	9.670	173	95784	51.592	ug/L	98
60) Isopropylbenzene	9.873	105	434731	52.507	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	150450	51.293	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	362642	53.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	368479	53.837	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	223161	52.658	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	231892	51.732	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	230308	53.013	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	38116	49.027	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	166340	50.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	145047	52.110	ug/L	99
71) Naphthalene	13.445	128	377295	49.454	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	147978	53.038	ug/L	99

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

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