

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032814.D
 Acq On : 31 Oct 2023 21:18
 Operator : SY/MD
 Sample : 05105-15MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0007MSD

Quant Time: Nov 01 05:53:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:44:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	349603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	388731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	214732	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143920	43.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.560%
7) Chloroethane-d5	1.532	69	121317	43.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	2.060	65	58224	42.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.780%
21) 2-Butanone-d5	3.786	46	136274	94.483	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.480%
24) Chloroform-d	4.252	84	238348	44.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
26) 1,2-Dichloroethane-d4	4.944	65	151556	45.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
32) Benzene-d6	4.963	84	461375	46.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	5.989	67	135564	44.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	7.246	98	471507	47.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.820%
43) trans-1,3-Dichloroprop...	7.555	79	75119	47.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.000%
47) 2-Hexanone-d5	8.027	63	110091	99.312	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.310%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	215145	46.691	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.380%
66) 1,2-Dichlorobenzene-d4	11.564	152	192101	46.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	136796	44.469	ug/L	100
3) Chloromethane	1.217	50	134666	45.250	ug/L	99
5) Vinyl chloride	1.285	62	142413	44.878	ug/L	100
6) Bromomethane	1.487	94	96923	43.773	ug/L	96
8) Chloroethane	1.548	64	98375	46.049	ug/L	100
9) Trichlorofluoromethane	1.716	101	223005	44.097	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	134153	43.843	ug/L	99
12) 1,1-Dichloroethene	2.072	96	118951	45.491	ug/L	81
13) Acetone	2.111	43	114183	47.297	ug/L	97
14) Carbon disulfide	2.243	76	284814	45.629	ug/L	100
15) Methyl Acetate	2.375	43	108192	44.200	ug/L	98
16) Methylene chloride	2.449	84	133935	38.616	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	114592	45.916	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	365358	49.572	ug/L	99
19) 1,1-Dichloroethane	3.114	63	213910	44.976	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	128900	46.766	ug/L	99
22) 2-Butanone	3.867	43	151623	74.058	ug/L	95
23) Bromochloromethane	4.149	128	70047	45.533	ug/L	94
25) Chloroform	4.278	83	244324	45.072	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	192898	49.377	ug/L	99
29) Cyclohexane	4.587	56	162283	46.451	ug/L #	92
30) 1,1,1-Trichloroethane	4.516	97	211714	45.458	ug/L	99
31) Carbon tetrachloride	4.738	117	183061	44.481	ug/L	99
33) Benzene	5.011	78	492106	47.741	ug/L	100
34) Trichloroethene	5.834	95	129278	45.054	ug/L	98
35) Methylcyclohexane	6.053	83	212587	47.348	ug/L	99
37) 1,2-Dichloropropane	6.095	63	119719	43.754	ug/L	100
38) Bromodichloromethane	6.436	83	200019	46.597	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	211896	51.621	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	345739	106.622	ug/L	100
42) Toluene	7.317	91	587765	50.071	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	207800	49.285	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	149040	47.489	ug/L	98
46) Tetrachloroethene	7.908	164	115569	44.638	ug/L	98
48) 2-Hexanone	8.075	43	261401	89.847	ug/L	98
49) Dibromochloromethane	8.178	129	155304	47.332	ug/L	100
50) 1,2-Dibromoethane	8.284	107	157707	49.324	ug/L	98
51) Chlorobenzene	8.815	112	389713	46.894	ug/L	99
52) Ethylbenzene	8.947	91	644661	49.785	ug/L	99
53) m,p-Xylene	9.075	106	249798	50.687	ug/L	100
54) o-Xylene	9.480	106	239902	50.248	ug/L	97
55) Styrene	9.497	104	431675	51.882	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	227249	48.347	ug/L	99
59) Bromoform	9.667	173	112532	46.741	ug/L	99
60) Isopropylbenzene	9.870	105	660748	50.740	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	171057	47.692	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	520625	50.805	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	515512	52.589	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	322526	47.541	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	332401	46.437	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	330685	47.747	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	43829	46.953	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	231551	47.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	209125	49.374	ug/L	99
71) Naphthalene	13.442	128	611938	57.856	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	219575	51.923	ug/L	100

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

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