

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033401.D
 Acq On : 16 Dec 2023 00:36
 Operator : SY/MD
 Sample : 05846-05MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHB6MSD

Quant Time: Dec 16 01:31:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	242885	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	245709	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133422	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	87865	46.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.960%
7) Chloroethane-d5	1.529	69	77914	46.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.840%
11) 1,1-Dichloroethene-d2	2.060	65	42366	45.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
21) 2-Butanone-d5	3.783	46	91378	96.934	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.930%
24) Chloroform-d	4.249	84	178078	48.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	4.940	65	107829	47.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
32) Benzene-d6	4.960	84	327411	49.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
36) 1,2-Dichloropropane-d6	5.989	67	96431	48.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.020%
41) Toluene-d8	7.243	98	306009	50.535	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	7.551	79	46959	47.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.420%
47) 2-Hexanone-d5	8.024	63	67072	99.286	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.290%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	140081	48.526	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	119657	47.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	95687	47.952	ug/L	98
3) Chloromethane	1.214	50	88830	48.353	ug/L	99
5) Vinyl chloride	1.281	62	96183	48.838	ug/L	96
6) Bromomethane	1.484	94	62893	44.612	ug/L	98
8) Chloroethane	1.548	64	63926	48.081	ug/L	98
9) Trichlorofluoromethane	1.712	101	160601	46.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91776	45.552	ug/L	100
12) 1,1-Dichloroethene	2.069	96	80166	46.837	ug/L	98
13) Acetone	2.108	43	159040	145.343	ug/L	99
14) Carbon disulfide	2.240	76	207819	47.514	ug/L	100
15) Methyl Acetate	2.371	43	66008	42.238	ug/L	98
16) Methylene chloride	2.445	84	89678	46.913	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	79967	49.429	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	252581	51.412	ug/L	99
19) 1,1-Dichloroethane	3.111	63	152181	49.080	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	89173	48.615	ug/L	98
22) 2-Butanone	3.860	43	141569	131.319	ug/L	98
23) Bromochloromethane	4.149	128	47733	47.476	ug/L	98
25) Chloroform	4.275	83	173030	49.587	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	135151	50.247	ug/L	99
29) Cyclohexane	4.584	56	112134	50.635	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	148902	49.083	ug/L	98
31) Carbon tetrachloride	4.735	117	131662	48.495	ug/L	98
33) Benzene	5.011	78	336695	51.411	ug/L	100
34) Trichloroethene	5.831	95	89291	49.697	ug/L	94
35) Methylcyclohexane	6.053	83	122424	47.506	ug/L	99
37) 1,2-Dichloropropane	6.092	63	86428	48.662	ug/L #	95
38) Bromodichloromethane	6.432	83	124653	48.764	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	131447	50.873	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	207890	109.684	ug/L	100
42) Toluene	7.317	91	364601	52.526	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	129630	49.996	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	93046	50.263	ug/L	98
46) Tetrachloroethene	7.905	164	67323	47.954	ug/L	98
48) 2-Hexanone	8.075	43	162835	103.006	ug/L	98
49) Dibromochloromethane	8.175	129	97317	49.716	ug/L	96
50) 1,2-Dibromoethane	8.281	107	96130	50.377	ug/L	100
51) Chlorobenzene	8.812	112	242831	48.542	ug/L	98
52) Ethylbenzene	8.947	91	392726	50.803	ug/L	98
53) m,p-Xylene	9.072	106	151423	52.136	ug/L	99
54) o-Xylene	9.480	106	147309	52.234	ug/L	99
55) Styrene	9.497	104	271115	54.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	140839	49.537	ug/L	99
59) Bromoform	9.667	173	67685	49.172	ug/L	99
60) Isopropylbenzene	9.866	105	401496	52.992	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	108288	50.638	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	300162	52.273	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	320127	53.679	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	197612	50.183	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	201406	47.522	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	201468	49.155	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	28936	49.951	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	130360	47.869	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	114299	48.014	ug/L	99
71) Naphthalene	13.438	128	332241	51.873	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	121532	52.194	ug/L	98

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

