

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033226.D
 Acq On : 11 Dec 2023 20:23
 Operator : SY/MD
 Sample : 05685-15MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCH84MSD

Quant Time: Dec 12 00:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	281386	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	173621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63075	37.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.000%
7) Chloroethane-d5	1.529	69	51579	44.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.020%
11) 1,1-Dichloroethene-d2	2.060	65	26852	41.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.920%
21) 2-Butanone-d5	3.780	46	91110	109.051	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.050%
24) Chloroform-d	4.249	84	170047	47.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
26) 1,2-Dichloroethane-d4	4.940	65	108126	48.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	4.960	84	301214	45.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
36) 1,2-Dichloropropane-d6	5.989	67	83216	46.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.243	98	296320	46.874	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	7.551	79	51429	45.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
47) 2-Hexanone-d5	8.021	63	79652	111.276	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	140148	55.332	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	149441	48.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	143461	46.643	ug/L	99
3) Chloromethane	1.214	50	102826	50.689	ug/L	99
5) Vinyl chloride	1.281	62	97685	50.210	ug/L	97
6) Bromomethane	1.484	94	66502	52.384	ug/L	100
8) Chloroethane	1.548	64	54462	52.580	ug/L	100
9) Trichlorofluoromethane	1.712	101	169811	52.896	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	78404	52.008	ug/L	98
12) 1,1-Dichloroethene	2.069	96	75156	53.275	ug/L	93
13) Acetone	2.108	43	59194	74.215	ug/L	99
14) Carbon disulfide	2.240	76	234535	46.339	ug/L	100
15) Methyl Acetate	2.368	43	69196	52.052	ug/L	97
16) Methylene chloride	2.445	84	94759	50.727	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	93689	50.582	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	305163	54.235	ug/L	99
19) 1,1-Dichloroethane	3.111	63	156532	51.060	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	106209	54.041	ug/L	98
22) 2-Butanone	3.860	43	95889	94.470	ug/L	94
23) Bromochloromethane	4.143	128	59498	52.723	ug/L	97
25) Chloroform	4.275	83	187477	53.174	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	149416	53.630	ug/L	100
29) Cyclohexane	4.584	56	119439	45.638	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	182289	52.057	ug/L	98
31) Carbon tetrachloride	4.735	117	172863	53.091	ug/L	99
33) Benzene	5.008	78	376430	52.426	ug/L	100
34) Trichloroethene	5.831	95	107531	50.129	ug/L	99
35) Methylcyclohexane	6.050	83	150067	48.202	ug/L	99
37) 1,2-Dichloropropane	6.092	63	86852	52.266	ug/L #	91
38) Bromodichloromethane	6.432	83	144893	54.086	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	159224	52.805	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	201728	114.336	ug/L	99
42) Toluene	7.313	91	437495	54.071	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	159442	52.293	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	105416	54.713	ug/L	99
46) Tetrachloroethene	7.905	164	93861	50.901	ug/L	97
48) 2-Hexanone	8.072	43	154988	105.952	ug/L	98
49) Dibromochloromethane	8.175	129	127761	55.547	ug/L	100
50) 1,2-Dibromoethane	8.281	107	114831	55.902	ug/L	97
51) Chlorobenzene	8.812	112	302171	53.108	ug/L	99
52) Ethylbenzene	8.947	91	492975	52.933	ug/L	99
53) m,p-Xylene	9.072	106	195208	52.928	ug/L	98
54) o-Xylene	9.477	106	194541	53.455	ug/L	99
55) Styrene	9.493	104	348366	55.333	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	150652	57.230	ug/L	99
59) Bromoform	9.664	173	105765	56.128	ug/L	99
60) Isopropylbenzene	9.866	105	531409	53.083	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	120672	55.739	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	419074	51.958	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	450036	53.576	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	276833	51.761	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	282788	50.901	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	276513	52.737	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37651	56.678	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	210504	49.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	195234	49.327	ug/L	99
71) Naphthalene	13.438	128	540038	55.949	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	200345	52.459	ug/L	98

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

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