

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033493.D
 Acq On : 19 Dec 2023 21:09
 Operator : SY/MD
 Sample : 05847-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ2MS

Quant Time: Dec 20 00:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	288361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	291907	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	159351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112010	50.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.880%
7) Chloroethane-d5	1.532	69	94020	47.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.360%
11) 1,1-Dichloroethene-d2	2.059	65	48667	44.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.060%
21) 2-Butanone-d5	3.783	46	103986	92.913	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.910%
24) Chloroform-d	4.246	84	200751	45.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.940	65	123693	45.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
32) Benzene-d6	4.960	84	371235	47.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	5.989	67	114932	48.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.340%
41) Toluene-d8	7.243	98	342057	47.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.100%
43) trans-1,3-Dichloroprop...	7.551	79	52537	44.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
47) 2-Hexanone-d5	8.024	63	71618	89.237	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	154193	44.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	127228	42.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107312	45.296	ug/L	100
3) Chloromethane	1.214	50	109048	49.997	ug/L	98
5) Vinyl chloride	1.285	62	116922	50.006	ug/L	100
6) Bromomethane	1.487	94	71303	42.602	ug/L	99
8) Chloroethane	1.548	64	79384	50.291	ug/L	100
9) Trichlorofluoromethane	1.715	101	183320	44.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	108578	45.392	ug/L	97
12) 1,1-Dichloroethene	2.069	96	122027	60.051	ug/L	93
13) Acetone	2.108	43	125510	96.612	ug/L	100
14) Carbon disulfide	2.243	76	242924	46.781	ug/L	99
15) Methyl Acetate	2.371	43	94069	50.701	ug/L	94
16) Methylene chloride	2.445	84	109267	48.146	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	93108	48.476	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	294458	50.483	ug/L	98
19) 1,1-Dichloroethane	3.111	63	202240	54.938	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	103728	47.631	ug/L	89
22) 2-Butanone	3.860	43	182062	142.247	ug/L	97
23) Bromochloromethane	4.146	128	55924	46.851	ug/L	89
25) Chloroform	4.275	83	205277	49.551	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	161026	50.426	ug/L	99
29) Cyclohexane	4.587	56	146399	55.645	ug/L	93
30) 1,1,1-Trichloroethane	4.513	97	185246	51.399	ug/L	98
31) Carbon tetrachloride	4.735	117	150256	46.585	ug/L	98
33) Benzene	5.008	78	418354	53.770	ug/L	100
34) Trichloroethene	5.834	95	104145	48.790	ug/L	95
35) Methylcyclohexane	6.050	83	153441	50.119	ug/L	94
37) 1,2-Dichloropropane	6.091	63	112703	53.413	ug/L	99
38) Bromodichloromethane	6.432	83	153210	50.450	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	159528	51.970	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	263140	116.862	ug/L	96
42) Toluene	7.316	91	437408	53.042	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	159323	51.724	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	111122	50.527	ug/L	99
46) Tetrachloroethene	7.905	164	76203	45.689	ug/L	98
48) 2-Hexanone	8.075	43	197307	105.059	ug/L	99
49) Dibromochloromethane	8.175	129	109849	47.237	ug/L	97
50) 1,2-Dibromoethane	8.281	107	109920	48.487	ug/L	99
51) Chlorobenzene	8.815	112	288659	48.571	ug/L	99
52) Ethylbenzene	8.947	91	474620	51.679	ug/L	99
53) m,p-Xylene	9.072	106	177951	51.573	ug/L	96
54) o-Xylene	9.477	106	171791	51.274	ug/L	94
55) Styrene	9.496	104	319831	54.090	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	173450	51.352	ug/L	99
59) Bromoform	9.664	173	72294	43.974	ug/L	100
60) Isopropylbenzene	9.866	105	472232	52.186	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	131866	51.630	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	354330	51.665	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	374222	52.539	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	221337	47.062	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	230647	45.567	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	230695	47.127	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	33389	48.260	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	143623	44.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	123510	43.441	ug/L	98
71) Naphthalene	13.438	128	307534	40.202	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	127644	45.899	ug/L	98

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

