

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122022\
 Data File : VW029750.D
 Acq On : 20 Dec 2022 14:47
 Operator : SY/MD
 Sample : N6130-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXGJ0MSD

Quant Time: Dec 21 00:18:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	515373	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	484767	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	265698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117982	37.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.760%
7) Chloroethane-d5	1.564	69	103215	42.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.780%
11) 1,1-Dichloroethene-d2	2.108	63	224610	45.630	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
21) 2-Butanone-d5	3.873	46	167943	87.234	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.230%
24) Chloroform-d	4.339	84	232365	39.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.260%
26) 1,2-Dichloroethane-d4	5.024	65	137656	40.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.160%
32) Benzene-d6	5.043	84	492587	38.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.920%
36) 1,2-Dichloropropane-d6	6.063	67	155446	39.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.460%
41) Toluene-d8	7.307	98	453265	37.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.120%#
43) trans-1,3-Dichloroprop...	7.612	79	71258	36.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.140%
47) 2-Hexanone-d5	8.082	63	138480	82.884	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	232642	41.609	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.220%
66) 1,2-Dichlorobenzene-d4	11.612	152	185406	36.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	159809	39.367	ug/L	99
3) Chloromethane	1.240	50	183930	39.739	ug/L	100
5) Vinyl chloride	1.310	62	180259	46.549	ug/L	98
6) Bromomethane	1.519	94	76373	49.014	ug/L	99
8) Chloroethane	1.580	64	113753	52.754	ug/L	99
9) Trichlorofluoromethane	1.751	101	228713	47.179	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137113	50.901	ug/L	97
12) 1,1-Dichloroethene	2.114	96	132934	48.256	ug/L	92
13) Acetone	2.159	43	146320	116.667	ug/L	100
14) Carbon disulfide	2.291	76	379911	41.438	ug/L	99
15) Methyl Acetate	2.423	43	145293	50.848	ug/L	96
16) Methylene chloride	2.503	84	163158	47.634	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	143496	45.208	ug/L	93
18) Methyl tert-butyl Ether	2.764	73	459379	47.237	ug/L	99
19) 1,1-Dichloroethane	3.182	63	264637	48.666	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	158932	45.535	ug/L	92
22) 2-Butanone	3.957	43	203791	102.120	ug/L	95
23) Bromochloromethane	4.239	128	82943	46.149	ug/L	91
25) Chloroform	4.365	83	276309	49.013	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	189721	47.641	ug/L	99
29) Cyclohexane	4.670	56	226035	43.043	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	228813	43.323	ug/L	99
31) Carbon tetrachloride	4.818	117	195886	42.472	ug/L	100
33) Benzene	5.092	78	618582	45.270	ug/L	100
34) Trichloroethene	5.905	95	153249	44.757	ug/L	98
35) Methylcyclohexane	6.124	83	257232	44.232	ug/L	98
37) 1,2-Dichloropropane	6.165	63	157845	47.861	ug/L	100
38) Bromodichloromethane	6.500	83	203172	44.626	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	228135	42.061	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	389838	99.140	ug/L	97
42) Toluene	7.381	91	655026	44.538	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	217857	42.413	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	159396	46.782	ug/L	99
46) Tetrachloroethene	7.966	164	124260	45.138	ug/L	97
48) 2-Hexanone	8.133	43	307510	102.360	ug/L	96
49) Dibromochloromethane	8.236	129	167896	44.633	ug/L	97
50) 1,2-Dibromoethane	8.342	107	159571	45.459	ug/L	100
51) Chlorobenzene	8.873	112	428866	46.050	ug/L	99
52) Ethylbenzene	9.005	91	691523	44.723	ug/L	100
53) m,p-Xylene	9.130	106	274018	44.775	ug/L	98
54) o-Xylene	9.535	106	267905	44.256	ug/L	100
55) Styrene	9.551	104	491493	46.720	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	263121	48.277	ug/L	99
59) Bromoform	9.722	173	121798	41.497	ug/L	98
60) Isopropylbenzene	9.921	105	700259	44.890	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	197591	48.178	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	604672	43.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	604144	44.188	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	339130	44.462	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	344070	44.387	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	345593	44.309	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	52690	41.336	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	260091	42.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	231839	42.952	ug/L	100
71) Naphthalene	13.490	128	690169	56.371	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	237462	44.916	ug/L	99

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

