

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120423\
 Data File : VW033088.D
 Acq On : 04 Dec 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Dec 05 03:18:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:21:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	334294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	205450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91622	45.558	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.120%		
7) Chloroethane-d5	1.529	69	64408	45.963	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.920%		
11) 1,1-Dichloroethene-d2	2.059	65	35222	46.037	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.080%		
21) 2-Butanone-d5	3.776	46	101447	101.560	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.560%		
24) Chloroform-d	4.246	84	205096	48.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
26) 1,2-Dichloroethane-d4	4.937	65	126779	47.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
32) Benzene-d6	4.956	84	372262	47.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.220%		
36) 1,2-Dichloropropane-d6	5.985	67	103688	49.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.640%		
41) Toluene-d8	7.243	98	362594	48.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.240%		
43) trans-1,3-Dichloroprop...	7.551	79	63124	47.487	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.980%		
47) 2-Hexanone-d5	8.021	63	83095	98.394	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.390%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	150483	50.357	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.720%		
66) 1,2-Dichlorobenzene-d4	11.561	152	174876	47.840	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	174524	47.460	ug/L	99
3) Chloromethane	1.214	50	117877	48.602	ug/L	99
5) Vinyl chloride	1.285	62	111587	47.973	ug/L	98
6) Bromomethane	1.484	94	73970	48.735	ug/L	98
8) Chloroethane	1.548	64	58476	47.220	ug/L	99
9) Trichlorofluoromethane	1.712	101	190953	49.751	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	89462	49.635	ug/L	97
12) 1,1-Dichloroethene	2.069	96	84195	49.919	ug/L	98
13) Acetone	2.108	43	86614	90.829	ug/L	99
14) Carbon disulfide	2.240	76	294091	48.600	ug/L	99
15) Methyl Acetate	2.368	43	78822	49.593	ug/L	97
16) Methylene chloride	2.445	84	107592	48.174	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	108626	49.052	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	337628	50.188	ug/L	99
19) 1,1-Dichloroethane	3.108	63	179190	48.889	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	117403	49.964	ug/L	100
22) 2-Butanone	3.857	43	111174	91.611	ug/L	98
23) Bromochloromethane	4.143	128	65668	48.671	ug/L	98
25) Chloroform	4.272	83	208963	49.572	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	165353	49.641	ug/L	99
29) Cyclohexane	4.580	56	154659	50.089	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	204154	49.415	ug/L	99
31) Carbon tetrachloride	4.735	117	190684	49.638	ug/L	99
33) Benzene	5.008	78	427004	50.406	ug/L	100
34) Trichloroethene	5.831	95	124134	49.049	ug/L	96
35) Methylcyclohexane	6.046	83	187819	51.134	ug/L	100
37) 1,2-Dichloropropane	6.091	63	98009	49.991	ug/L	98
38) Bromodichloromethane	6.429	83	159550	50.480	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	176777	49.691	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	209406	100.598	ug/L	99
42) Toluene	7.313	91	484346	50.738	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	183196	50.926	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	113038	49.727	ug/L	99
46) Tetrachloroethene	7.905	164	109119	50.156	ug/L	96
48) 2-Hexanone	8.072	43	168613	97.698	ug/L	98
49) Dibromochloromethane	8.175	129	134607	49.604	ug/L	100
50) 1,2-Dibromoethane	8.281	107	117639	48.540	ug/L	95
51) Chlorobenzene	8.812	112	328797	48.980	ug/L	99
52) Ethylbenzene	8.947	91	553856	50.406	ug/L	99
53) m,p-Xylene	9.072	106	221784	50.969	ug/L	95
54) o-Xylene	9.477	106	213921	49.821	ug/L	97
55) Styrene	9.493	104	383045	51.568	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	152972	49.254	ug/L	98
59) Bromoform	9.664	173	109386	49.056	ug/L	99
60) Isopropylbenzene	9.866	105	592594	50.024	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	119913	46.808	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	480219	50.315	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	505614	50.868	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	305964	48.345	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	312586	47.548	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	298509	48.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	35848	45.604	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	242100	47.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	227403	48.554	ug/L	99
71) Naphthalene	13.438	128	525794	46.034	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	218033	48.245	ug/L	99

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

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