

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032901.D
 Acq On : 10 Nov 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050325

Quant Time: Nov 10 20:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	370396	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	375493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	211910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	157208	44.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.240%		
7) Chloroethane-d5	1.532	69	135396	45.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.900%		
11) 1,1-Dichloroethene-d2	2.060	65	70676	48.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.140%		
21) 2-Butanone-d5	3.786	46	159656	104.481	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.480%		
24) Chloroform-d	4.249	84	290471	51.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.320%		
26) 1,2-Dichloroethane-d4	4.944	65	186271	53.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.600%		
32) Benzene-d6	4.963	84	549732	56.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.880%		
36) 1,2-Dichloropropane-d6	5.989	67	166466	56.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	113.500%		
41) Toluene-d8	7.243	98	545811	57.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.840%		
43) trans-1,3-Dichloroprop...	7.555	79	87877	57.527	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	115.060%		
47) 2-Hexanone-d5	8.024	63	124290	116.073	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.070%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	248023	55.724	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.440%		
66) 1,2-Dichlorobenzene-d4	11.561	152	227885	55.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	112893	34.639	ug/L	99
3) Chloromethane	1.217	50	114432	36.293	ug/L	98
5) Vinyl chloride	1.285	62	125209	37.242	ug/L	99
6) Bromomethane	1.487	94	88917	37.903	ug/L	99
8) Chloroethane	1.548	64	91991	40.644	ug/L	100
9) Trichlorofluoromethane	1.716	101	219050	40.884	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	137944	42.551	ug/L	99
12) 1,1-Dichloroethene	2.069	96	117072	42.259	ug/L	96
13) Acetone	2.111	43	142010	55.521	ug/L	98
14) Carbon disulfide	2.243	76	232833	35.207	ug/L	99
15) Methyl Acetate	2.371	43	117974	45.490	ug/L	98
16) Methylene chloride	2.449	84	133257	36.264	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	112134	42.408	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	388685	49.776	ug/L	99
19) 1,1-Dichloroethane	3.114	63	224556	44.564	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	136500	46.743	ug/L	98
22) 2-Butanone	3.870	43	165636	76.360	ug/L	97
23) Bromochloromethane	4.149	128	74471	45.691	ug/L	97
25) Chloroform	4.278	83	264764	46.100	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	204203	49.337	ug/L	100
29) Cyclohexane	4.587	56	148733	44.073	ug/L #	95
30) 1,1,1-Trichloroethane	4.516	97	223489	49.678	ug/L	99
31) Carbon tetrachloride	4.735	117	192812	48.502	ug/L	98
33) Benzene	5.011	78	507461	50.967	ug/L	100
34) Trichloroethene	5.834	95	143382	51.731	ug/L	98
35) Methylcyclohexane	6.053	83	190152	43.845	ug/L	98
37) 1,2-Dichloropropane	6.095	63	139891	52.929	ug/L	100
38) Bromodichloromethane	6.436	83	207126	49.954	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	223135	56.275	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	349628	111.622	ug/L	100
42) Toluene	7.317	91	572331	50.475	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	217734	53.462	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	157415	51.926	ug/L	98
46) Tetrachloroethene	7.905	164	112417	44.952	ug/L	97
48) 2-Hexanone	8.075	43	267452	95.167	ug/L	97
49) Dibromochloromethane	8.178	129	163836	51.693	ug/L	100
50) 1,2-Dibromoethane	8.284	107	163814	53.041	ug/L	97
51) Chlorobenzene	8.815	112	394059	49.089	ug/L	99
52) Ethylbenzene	8.950	91	632702	50.584	ug/L	100
53) m,p-Xylene	9.075	106	243917	51.239	ug/L	99
54) o-Xylene	9.480	106	240001	52.041	ug/L	100
55) Styrene	9.497	104	436921	54.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	239040	52.648	ug/L	99
59) Bromoform	9.667	173	121066	50.956	ug/L	99
60) Isopropylbenzene	9.870	105	653209	50.829	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	177285	50.086	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	522080	51.626	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	516529	53.395	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	338496	50.560	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	347501	49.192	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	346400	50.682	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	45364	49.245	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	244058	50.496	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	224452	53.699	ug/L	98
71) Naphthalene	13.442	128	654111	62.667	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	239788	57.458	ug/L	100

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

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