

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111823\
 Data File : VW033010.D
 Acq On : 18 Nov 2023 17:56
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050332

Quant Time: Nov 20 01:21:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 01:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	329205	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	329723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	200989	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91864	32.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.980%
7) Chloroethane-d5	1.529	69	71325	30.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.840%#
11) 1,1-Dichloroethene-d2	2.056	65	36404	30.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.020%
21) 2-Butanone-d5	3.780	46	143099	119.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.900%
24) Chloroform-d	4.249	84	224176	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	4.941	65	141882	48.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
32) Benzene-d6	4.960	84	413353	45.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	5.989	67	120803	46.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.420%
41) Toluene-d8	7.243	98	385882	46.542	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	7.551	79	68696	49.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.000%
47) 2-Hexanone-d5	8.024	63	120334	125.657	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	192885	50.372	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.740%
66) 1,2-Dichlorobenzene-d4	11.561	152	184255	47.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	168572	59.218	ug/L	99
3) Chloromethane	1.214	50	127503	45.330	ug/L	97
5) Vinyl chloride	1.282	62	118227	41.774	ug/L	99
6) Bromomethane	1.481	94	74017	39.453	ug/L	99
8) Chloroethane	1.548	64	64292	35.972	ug/L	97
9) Trichlorofluoromethane	1.712	101	190217	42.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91930	35.315	ug/L	93
12) 1,1-Dichloroethene	2.069	96	88963	38.206	ug/L	89
13) Acetone	2.108	43	93979	58.984	ug/L	100
14) Carbon disulfide	2.240	76	289815	43.706	ug/L	100
15) Methyl Acetate	2.371	43	105473	56.303	ug/L	98
16) Methylene chloride	2.445	84	119853	48.245	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	111785	48.493	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	362689	53.612	ug/L	99
19) 1,1-Dichloroethane	3.111	63	200056	48.578	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	127878	51.512	ug/L	99
22) 2-Butanone	3.863	43	145715	98.186	ug/L	100
23) Bromochloromethane	4.150	128	68371	49.034	ug/L	94
25) Chloroform	4.275	83	226914	49.933	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	179578	52.387	ug/L	98
29) Cyclohexane	4.584	56	159995	50.493	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	212108	52.492	ug/L	98
31) Carbon tetrachloride	4.738	117	193215	53.471	ug/L	99
33) Benzene	5.011	78	465514	51.983	ug/L	100
34) Trichloroethene	5.834	95	123068	50.566	ug/L	96
35) Methylcyclohexane	6.053	83	182869	49.857	ug/L	99
37) 1,2-Dichloropropane	6.092	63	113731	50.854	ug/L	99
38) Bromodichloromethane	6.432	83	170760	51.184	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	190374	51.183	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	287581	120.582	ug/L	98
42) Toluene	7.317	91	512048	52.399	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	196366	54.352	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	126566	50.998	ug/L	99
46) Tetrachloroethene	7.905	164	107130	51.169	ug/L	98
48) 2-Hexanone	8.075	43	227103	109.297	ug/L	97
49) Dibromochloromethane	8.178	129	143236	53.575	ug/L	98
50) 1,2-Dibromoethane	8.281	107	135009	51.109	ug/L	100
51) Chlorobenzene	8.815	112	342206	50.551	ug/L	99
52) Ethylbenzene	8.947	91	576982	53.315	ug/L	99
53) m,p-Xylene	9.075	106	226519	54.436	ug/L	96
54) o-Xylene	9.481	106	221948	55.316	ug/L	95
55) Styrene	9.497	104	403187	56.970	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	193236	50.611	ug/L	99
59) Bromoform	9.667	173	117161	54.794	ug/L	99
60) Isopropylbenzene	9.870	105	608406	51.135	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	152036	51.677	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	484303	53.658	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	505515	53.566	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	311192	50.148	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	315524	47.409	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	311100	49.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	46323	56.339	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	234086	50.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	218389	52.219	ug/L	99
71) Naphthalene	13.439	128	638709	58.115	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	228531	54.296	ug/L	99

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

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