

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110423\
 Data File : VW032847.D
 Acq On : 03 Nov 2023 13:05
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050317

Quant Time: Nov 04 00:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 04 00:57:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	308365	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	345449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	193445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107252	36.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.140%		
7) Chloroethane-d5	1.532	69	104563	42.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.260%		
11) 1,1-Dichloroethene-d2	2.060	65	46667	38.522	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.040%		
21) 2-Butanone-d5	3.786	46	136039	106.934	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.930%		
24) Chloroform-d	4.249	84	232569	49.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.360%		
26) 1,2-Dichloroethane-d4	4.940	65	151616	52.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.220%		
32) Benzene-d6	4.960	84	419088	47.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.360%		
36) 1,2-Dichloropropane-d6	5.989	67	130064	48.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.400%		
41) Toluene-d8	7.243	98	418816	47.888	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.780%		
43) trans-1,3-Dichloroprop...	7.551	79	71543	50.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.820%		
47) 2-Hexanone-d5	8.024	63	102823	104.377	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.380%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	209862	51.251	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.500%		
66) 1,2-Dichlorobenzene-d4	11.561	152	181937	48.805	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	100721	37.121	ug/L	99
3) Chloromethane	1.217	50	120738	45.996	ug/L	98
5) Vinyl chloride	1.285	62	115316	41.199	ug/L	99
6) Bromomethane	1.484	94	97913	50.133	ug/L	98
8) Chloroethane	1.548	64	88028	46.717	ug/L	100
9) Trichlorofluoromethane	1.716	101	177050	39.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	110711	41.020	ug/L	99
12) 1,1-Dichloroethene	2.069	96	96541	41.859	ug/L	94
13) Acetone	2.114	43	156388	73.442	ug/L	99
14) Carbon disulfide	2.243	76	226439	41.128	ug/L	99
15) Methyl Acetate	2.371	43	111465	51.626	ug/L	100
16) Methylene chloride	2.449	84	130056	42.513	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	103882	47.191	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	367923	56.595	ug/L	99
19) 1,1-Dichloroethane	3.111	63	205306	48.939	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	126265	51.936	ug/L	97
22) 2-Butanone	3.867	43	161025	89.168	ug/L	98
23) Bromochloromethane	4.146	128	69743	51.398	ug/L	95
25) Chloroform	4.275	83	243463	50.919	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	186623	54.159	ug/L	100
29) Cyclohexane	4.584	56	123290	39.711	ug/L #	94
30) 1,1,1-Trichloroethane	4.510	97	182256	44.036	ug/L	100
31) Carbon tetrachloride	4.735	117	157369	43.029	ug/L	99
33) Benzene	5.011	78	458145	50.015	ug/L	100
34) Trichloroethene	5.831	95	119818	46.989	ug/L	97
35) Methylcyclohexane	6.053	83	167316	41.934	ug/L	99
37) 1,2-Dichloropropane	6.092	63	134155	55.173	ug/L	98
38) Bromodichloromethane	6.432	83	195112	51.149	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	210362	57.668	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	317587	110.211	ug/L	99
42) Toluene	7.317	91	533575	51.149	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	203235	54.242	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	146828	52.646	ug/L	98
46) Tetrachloroethene	7.905	164	100509	43.685	ug/L	98
48) 2-Hexanone	8.075	43	249448	96.481	ug/L	98
49) Dibromochloromethane	8.178	129	154386	52.948	ug/L	98
50) 1,2-Dibromoethane	8.281	107	154216	54.276	ug/L	98
51) Chlorobenzene	8.815	112	361361	48.931	ug/L	99
52) Ethylbenzene	8.947	91	566586	49.238	ug/L	99
53) m,p-Xylene	9.075	106	216461	49.426	ug/L	99
54) o-Xylene	9.480	106	219038	51.626	ug/L	97
55) Styrene	9.497	104	398902	53.950	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	218693	52.356	ug/L	99
59) Bromoform	9.667	173	111650	51.478	ug/L	100
60) Isopropylbenzene	9.870	105	555849	47.381	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	162656	50.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	456510	49.451	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	447926	50.723	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	298255	48.802	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	311305	48.275	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	308039	49.371	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	39789	47.316	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	206205	46.737	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	185963	48.737	ug/L	100
71) Naphthalene	13.442	128	500564	52.534	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	198279	52.046	ug/L	99

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

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