

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110123\
 Data File : VW032817.D
 Acq On : 01 Nov 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050314

Quant Time: Nov 02 01:06:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:44:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	351806	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	392883	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	226750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	146011	43.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.280%
7) Chloroethane-d5	1.532	69	127828	45.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.360%
11) 1,1-Dichloroethene-d2	2.059	65	60690	43.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.820%
21) 2-Butanone-d5	3.783	46	134071	92.374	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.370%
24) Chloroform-d	4.249	84	251312	47.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
26) 1,2-Dichloroethane-d4	4.940	65	157354	47.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	4.960	84	485801	48.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
36) 1,2-Dichloropropane-d6	5.989	67	139791	45.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.100%
41) Toluene-d8	7.243	98	497187	49.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
43) trans-1,3-Dichloroprop...	7.551	79	76147	47.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.280%
47) 2-Hexanone-d5	8.024	63	102289	91.298	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	213574	45.860	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	200696	45.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	148202	47.876	ug/L	99
3) Chloromethane	1.217	50	136983	45.741	ug/L	98
5) Vinyl chloride	1.285	62	147965	46.336	ug/L	99
6) Bromomethane	1.484	94	99440	44.628	ug/L	93
8) Chloroethane	1.548	64	102753	47.798	ug/L	97
9) Trichlorofluoromethane	1.712	101	239331	47.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	148026	48.074	ug/L	99
12) 1,1-Dichloroethene	2.069	96	121769	46.278	ug/L	97
13) Acetone	2.111	43	165443	68.100	ug/L	100
14) Carbon disulfide	2.243	76	305407	48.622	ug/L	99
15) Methyl Acetate	2.371	43	112257	45.573	ug/L	98
16) Methylene chloride	2.445	84	145333	41.640	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	118156	47.047	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	364846	49.192	ug/L	99
19) 1,1-Dichloroethane	3.114	63	222714	46.534	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	131279	47.331	ug/L	99
22) 2-Butanone	3.863	43	169947	82.488	ug/L	94
23) Bromochloromethane	4.146	128	75152	48.545	ug/L	98
25) Chloroform	4.275	83	257896	47.277	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	195682	49.776	ug/L	98
29) Cyclohexane	4.583	56	168684	47.773	ug/L #	91
30) 1,1,1-Trichloroethane	4.513	97	222571	47.284	ug/L	99
31) Carbon tetrachloride	4.735	117	197234	47.418	ug/L	97
33) Benzene	5.011	78	520326	49.946	ug/L	100
34) Trichloroethene	5.831	95	137760	47.503	ug/L	97
35) Methylcyclohexane	6.053	83	223759	49.310	ug/L	99
37) 1,2-Dichloropropane	6.091	63	125259	45.295	ug/L	100
38) Bromodichloromethane	6.432	83	202214	46.610	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	215061	51.838	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	323824	98.808	ug/L	100
42) Toluene	7.317	91	615461	51.876	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	217370	51.010	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	154948	48.850	ug/L	98
46) Tetrachloroethene	7.905	164	122704	46.893	ug/L	98
48) 2-Hexanone	8.075	43	257371	87.527	ug/L	98
49) Dibromochloromethane	8.178	129	158763	47.875	ug/L	100
50) 1,2-Dibromoethane	8.281	107	159283	49.291	ug/L	100
51) Chlorobenzene	8.815	112	406890	48.444	ug/L	99
52) Ethylbenzene	8.947	91	672389	51.377	ug/L	99
53) m,p-Xylene	9.072	106	259643	52.128	ug/L	98
54) o-Xylene	9.480	106	246643	51.114	ug/L	98
55) Styrene	9.496	104	461612	54.894	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	221193	46.561	ug/L	100
59) Bromoform	9.664	173	114432	45.011	ug/L	100
60) Isopropylbenzene	9.869	105	693755	50.451	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	169594	44.778	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	555478	51.333	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	541838	52.345	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	350351	48.906	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	364088	48.167	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	351073	48.004	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	41745	42.350	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	251778	48.684	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	216168	48.332	ug/L	99
71) Naphthalene	13.442	128	531796	47.614	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	224000	50.162	ug/L	100

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

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