

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011421\
 Data File : VW019992.D
 Acq On : 14 Jan 2021 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Jan 15 01:06:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	405142	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	397439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	220282	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	140882	41.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.46%		
7) Chloroethane-d5	1.569	69	131003	48.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.06%		
11) 1,1-Dichloroethene-d2	2.110	63	306882	45.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.18%		
21) 2-Butanone-d5	3.881	46	208849	94.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.21%		
24) Chloroform-d	4.347	84	282547	45.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.80%		
26) 1,2-Dichloroethane-d4	5.032	65	195857	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.60%		
32) Benzene-d6	5.052	84	495403	44.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.32%		
36) 1,2-Dichloropropane-d6	6.071	67	157221	44.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.78%		
41) Toluene-d8	7.318	98	458205	45.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.14%		
43) trans-1,3-Dichloroprop...	7.624	79	82301	45.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.58%		
47) 2-Hexanone-d5	8.090	63	134474	95.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.78%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	223111	47.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.24%		
64) 1,2-Dichlorobenzene-d4	11.630	152	193268	45.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	191142	48.83	ug/L	100
3) Chloromethane	1.241	50	179580	47.86	ug/L	99
5) Vinyl chloride	1.312	62	185228	48.78	ug/L	99
6) Bromomethane	1.524	94	118284	49.95	ug/L	97
8) Chloroethane	1.585	64	126905	54.30	ug/L	100
9) Trichlorofluoromethane	1.753	101	276838	51.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	157145	53.03	ug/L	96
12) 1,1-Dichloroethene	2.119	96	142898	50.01	ug/L	87
13) Acetone	2.174	43	219266	111.94	ug/L	97
14) Carbon disulfide	2.296	76	394798	46.51	ug/L	99
15) Methyl Acetate	2.431	43	153622	46.22	ug/L	98
16) Methylene chloride	2.508	84	149911	49.37	ug/L	97
17) trans-1,2-Dichloroethene	2.759	96	139647	48.76	ug/L	98
18) Methyl tert-butyl Ether	2.765	73	451310	48.39	ug/L	98
19) 1,1-Dichloroethane	3.190	63	267817	48.91	ug/L	98
20) cis-1,2-Dichloroethene	3.910	96	148754	48.64	ug/L	100
22) 2-Butanone	3.965	43	244109	103.44	ug/L	100
23) Bromochloromethane	4.251	128	77737	48.64	ug/L	92
25) Chloroform	4.376	83	280081	48.65	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	241287	50.16	ug/L	99
29) Cyclohexane	4.679	56	232996	49.58	ug/L	96
30) 1,1,1-Trichloroethane	4.608	97	255401	48.85	ug/L	99
31) Carbon tetrachloride	4.830	117	220034	49.36	ug/L	99
33) Benzene	5.100	78	569009	49.32	ug/L	100
34) Trichloroethene	5.916	95	159465	48.23	ug/L	98
35) Methylcyclohexane	6.132	83	243607	51.56	ug/L	98
37) 1,2-Dichloropropane	6.174	63	150210	50.19	ug/L	98
38) Bromodichloromethane	6.511	83	208747	48.29	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	240221	51.26	ug/L	100
40) 4-Methyl-2-pentanone	7.225	43	436681	94.96	ug/L	98
42) Toluene	7.389	91	607184	49.42	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	236030	49.65	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	143463	48.77	ug/L	98
46) Tetrachloroethene	7.977	164	116494	49.08	ug/L	99
48) 2-Hexanone	8.141	43	354343	97.96	ug/L	99
49) Dibromochloromethane	8.248	129	157932	48.62	ug/L	98
50) 1,2-Dibromoethane	8.354	107	152621	48.36	ug/L	97
51) Chlorobenzene	8.884	112	396232	48.69	ug/L	100
52) Ethylbenzene	9.016	91	700393	50.20	ug/L	99
53) m,p-Xylene	9.141	106	259052	50.83	ug/L	99
54) o-xylene	9.547	106	252446	50.32	ug/L	98
55) Styrene	9.563	104	438078	50.51	ug/L	98
56) Isopropylbenzene	9.936	105	694583	51.18	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	224388	48.73	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	192107	47.20	ug/L	98
61) Bromoform	9.736	173	106646	47.55	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	327685	49.57	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	337462	49.75	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	325784	48.92	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	53891	46.53	ug/L	96
67) 1,3,5-Trichlorobenzene	12.653	180	246154	49.58	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	222822	50.77	ug/L	99
69) Naphthalene	13.511	128	640618	50.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	217078	50.95	ug/L	99

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

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