

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033021\
 Data File : VW020810.D
 Acq On : 30 Mar 2021 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Mar 30 13:51:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	645301	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	640433	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	367106	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	184543	40.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.56%		
7) Chloroethane-d5	1.571	69	151892	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.70%		
11) 1,1-Dichloroethene-d2	2.111	63	392617	45.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.84%		
21) 2-Butanone-d5	3.886	46	260747	87.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.48%		
24) Chloroform-d	4.352	84	464153	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.94%		
26) 1,2-Dichloroethane-d4	5.034	65	299779	49.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.96%		
32) Benzene-d6	5.053	84	822885	48.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.40%		
36) 1,2-Dichloropropane-d6	6.072	67	243068	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.76%		
41) Toluene-d8	7.317	98	798793	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.54%		
43) trans-1,3-Dichloroprop...	7.622	79	135849	48.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.44%		
47) 2-Hexanone-d5	8.088	63	196113	89.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.25%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	343187	44.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.90%		
64) 1,2-Dichlorobenzene-d4	11.632	152	353450	49.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	282245	46.68	ug/L	99
3) Chloromethane	1.243	50	192991	39.99	ug/L	99
5) Vinyl chloride	1.314	62	210063	42.61	ug/L	99
6) Bromomethane	1.526	94	149157	47.99	ug/L	100
8) Chloroethane	1.587	64	128608	45.16	ug/L	100
9) Trichlorofluoromethane	1.754	101	411474	48.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	208032	51.36	ug/L	96
12) 1,1-Dichloroethene	2.121	96	182262	48.40	ug/L	94
13) Acetone	2.182	43	188957	88.90	ug/L	99
14) Carbon disulfide	2.298	76	558315	44.84	ug/L	99
15) Methyl Acetate	2.433	43	188972	42.59	ug/L	94
16) Methylene chloride	2.510	84	212406	46.25	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	213480	49.44	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	650494	48.59	ug/L	98
19) 1,1-Dichloroethane	3.191	63	382519	47.68	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	225544	48.82	ug/L	97
22) 2-Butanone	3.970	43	270247	86.87	ug/L	94
23) Bromochloromethane	4.249	128	126208	50.75	ug/L	92
25) Chloroform	4.378	83	427242	50.07	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	336520	49.37	ug/L	99
29) Cyclohexane	4.680	56	323522	44.66	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	409008	51.64	ug/L	98
31) Carbon tetrachloride	4.831	117	364508	51.52	ug/L	99
33) Benzene	5.101	78	853620	48.33	ug/L	100
34) Trichloroethene	5.918	95	242111	50.00	ug/L	96
35) Methylcyclohexane	6.133	83	353643	47.60	ug/L	98
37) 1,2-Dichloropropane	6.175	63	212229	45.82	ug/L	98
38) Bromodichloromethane	6.513	83	324465	49.88	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	358855	50.18	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	545600	87.83	ug/L	98
42) Toluene	7.391	91	959696	49.99	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	360857	50.11	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	220711	48.43	ug/L	97
46) Tetrachloroethene	7.979	164	209973	51.95	ug/L	98
48) 2-Hexanone	8.143	43	431887	91.07	ug/L	99
49) Dibromochloromethane	8.249	129	272009	51.24	ug/L	100
50) 1,2-Dibromoethane	8.355	107	240833	49.35	ug/L #	99
51) Chlorobenzene	8.886	112	640865	49.72	ug/L	99
52) Ethylbenzene	9.018	91	1096854	50.06	ug/L	100
53) m,p-Xylene	9.143	106	419589	51.49	ug/L	97
54) o-xylene	9.548	106	401877	51.16	ug/L	95
55) Styrene	9.564	104	726839	52.66	ug/L	98
56) Isopropylbenzene	9.937	105	1118434	51.71	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	342500	46.08	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	290135	47.96	ug/L	99
61) Bromoform	9.735	173	209060	50.16	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	559380	49.93	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	577765	49.59	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	554736	50.25	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	81911	43.88	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	437481	50.38	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	375065	50.94	ug/L	99
69) Naphthalene	13.509	128	1062567	50.42	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	379771	51.51	ug/L	98

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

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