

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012521\
 Data File : VW020151.D
 Acq On : 25 Jan 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Jan 25 15:28:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	396476	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	445706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	261563	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	146656	49.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.74%		
7) Chloroethane-d5	1.566	69	132267	53.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.48%		
11) 1,1-Dichloroethene-d2	2.109	63	303928	51.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.48%		
21) 2-Butanone-d5	3.881	46	183750	91.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.11%		
24) Chloroform-d	4.347	84	275758	50.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.12%		
26) 1,2-Dichloroethane-d4	5.032	65	188396	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.70%		
32) Benzene-d6	5.051	84	501013	40.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.64%		
36) 1,2-Dichloropropane-d6	6.071	67	174193	44.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.90%		
41) Toluene-d8	7.318	98	543360	47.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.16%		
43) trans-1,3-Dichloroprop...	7.624	79	90526	47.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.48%		
47) 2-Hexanone-d5	8.090	63	120931	75.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.07%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	251543	47.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.84%		
64) 1,2-Dichlorobenzene-d4	11.630	152	231180	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	166716	50.05	ug/L	100
3) Chloromethane	1.241	50	163239	49.10	ug/L	99
5) Vinyl chloride	1.312	62	173504	50.52	ug/L	99
6) Bromomethane	1.524	94	108533	50.10	ug/L	99
8) Chloroethane	1.585	64	117959	53.57	ug/L	99
9) Trichlorofluoromethane	1.753	101	261276	53.38	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	151204	53.93	ug/L	94
12) 1,1-Dichloroethene	2.119	96	142107	52.75	ug/L	83
13) Acetone	2.174	43	192710	111.08	ug/L	99
14) Carbon disulfide	2.293	76	373681	47.62	ug/L	100
15) Methyl Acetate	2.431	43	143945	45.10	ug/L	98
16) Methylene chloride	2.508	84	139828	47.81	ug/L	99
17) trans-1,2-Dichloroethene	2.759	96	129976	48.57	ug/L	98
18) Methyl tert-butyl Ether	2.769	73	428529	49.46	ug/L	98
19) 1,1-Dichloroethane	3.190	63	256586	50.23	ug/L	99
20) cis-1,2-Dichloroethene	3.910	96	142103	49.54	ug/L	96
22) 2-Butanone	3.965	43	219365	100.62	ug/L	97
23) Bromochloromethane	4.248	128	72967	48.55	ug/L	94
25) Chloroform	4.376	83	268449	50.10	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.129	62	227060	49.65	ug/L	98
29) Cyclohexane	4.679	56	217530	41.95	ug/L	97
30) 1,1,1-Trichloroethane	4.611	97	241524	43.56	ug/L	99
31) Carbon tetrachloride	4.830	117	208761	43.78	ug/L	99
33) Benzene	5.100	78	536855	40.08	ug/L	100
34) Trichloroethene	5.913	95	166422	43.95	ug/L	99
35) Methylcyclohexane	6.135	83	248885	46.01	ug/L	97
37) 1,2-Dichloropropane	6.174	63	167722	47.91	ug/L	98
38) Bromodichloromethane	6.511	83	227221	47.39	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	264246	48.83	ug/L	100
40) 4-Methyl-2-pentanone	7.225	43	432830	82.51	ug/L	98
42) Toluene	7.389	91	685903	48.27	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	250575	48.80	ug/L	99
45) 1,1,2-Trichloroethane	7.839	97	147469	42.78	ug/L	100
46) Tetrachloroethene	7.977	164	114676	40.57	ug/L	98
48) 2-Hexanone	8.141	43	329873	81.22	ug/L	99
49) Dibromochloromethane	8.248	129	158619	42.58	ug/L	97
50) 1,2-Dibromoethane	8.354	107	151977	40.34	ug/L	98
51) Chlorobenzene	8.884	112	445760	47.72	ug/L	99
52) Ethylbenzene	9.016	91	767320	49.05	ug/L	100
53) m,p-Xylene	9.141	106	287830	50.52	ug/L	96
54) o-xylene	9.546	106	281269	49.09	ug/L	99
55) Styrene	9.563	104	493302	49.21	ug/L	99
56) Isopropylbenzene	9.936	105	754675	49.33	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	243211	46.82	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	207424	44.86	ug/L	99
61) Bromoform	9.736	173	118822	44.69	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	372334	46.79	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	384399	46.36	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	371801	46.11	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	53356	39.92	ug/L	90
67) 1,3,5-Trichlorobenzene	12.652	180	280261	45.45	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	227544	41.79	ug/L	99
69) Naphthalene	13.511	128	602928	38.17	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	207297	38.72	ug/L	99

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

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