

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012020\
 Data File : VW014687.D
 Acq On : 20 Jan 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Jan 21 03:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 17:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	853328	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	757596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	374890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270669	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
7) Chloroethane-d5	2.88	69	231935	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
10) 1,1-Dichloroethene-d2	4.02	63	569973	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.60%
20) 2-Butanone-d5	7.07	46	166439	58.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.30%
24) Chloroform-d	7.64	84	542955	27.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.64%
26) 1,2-Dichloroethane-d4	8.30	65	279593	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	8.27	84	1136355	28.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.84%
33) 1,2-Dichloropropane-d6	9.27	67	344965	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.92%
37) Toluene-d8	10.32	98	1030890	28.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.92%
38) trans-1,3-Dichloropropene-	10.57	79	134967	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.92%
39) 2-Hexanone-d5	10.92	63	121630	58.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266413	29.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	334296	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	192423	25.207 ug/L	99
3) Chloromethane	2.21	50	202753	23.494 ug/L	97
5) Vinyl chloride	2.36	62	330693	26.931 ug/L	100
6) Bromomethane	2.78	94	186976	26.076 ug/L	100
8) Chloroethane	2.92	64	189827	27.645 ug/L	98
9) Trichlorofluoromethane	3.25	101	180383	27.772 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	306765	27.513 ug/L	99
12) 1,1-Dichloroethene	4.04	96	298915	27.377 ug/L	93
13) Acetone	4.11	43	193691	48.873 ug/L	100
14) Carbon disulfide	4.38	76	883640	26.213 ug/L	99
15) Methyl Acetate	4.67	43	145947	27.291 ug/L	100
16) Methylene chloride	4.91	84	313475	22.528 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	381953	27.178 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	308375	26.811 ug/L	98
19) 1,1-Dichloroethane	6.21	63	571703	27.497 ug/L	99
21) 2-Butanone	7.16	43	219357	51.588 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	326267	26.949 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	141303	26.961	ug/L	99
25) Chloroform	7.67	83	542323	27.271	ug/L	99
27) 1,2-Dichloroethane	8.40	62	337651	26.155	ug/L	100
30) Cyclohexane	7.95	56	550975	28.431	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	430402	27.695	ug/L	100
32) Carbon tetrachloride	8.06	117	403688	27.881	ug/L	99
34) Benzene	8.32	78	1271510	27.889	ug/L	100
35) Trichloroethene	9.09	95	320681	27.254	ug/L	99
36) Methylcyclohexane	9.33	83	588175	28.493	ug/L	99
40) 1,2-Dichloropropane	9.37	63	317448	27.510	ug/L	100
41) Bromodichloromethane	9.64	83	374426	26.976	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	469384	27.230	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	386897	52.229	ug/L	99
44) Toluene	10.38	91	1332563	27.969	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	369363	26.798	ug/L	97
46) 1,1,2-Trichloroethane	10.78	97	220942	27.032	ug/L	99
47) Tetrachloroethene	10.86	164	273367	27.669	ug/L	98
49) 2-Hexanone	10.96	43	289609	57.252	ug/L	100
50) Dibromochloromethane	11.12	129	249312	26.863	ug/L	94
51) 1,2-Dibromoethane	11.23	107	204679	26.529	ug/L	99
52) Chlorobenzene	11.65	112	812209	26.968	ug/L	98
53) Ethylbenzene	11.73	91	1459462	27.861	ug/L	99
54) m,p-Xylene	11.83	106	556342	28.065	ug/L	100
55) o-xylene	12.16	106	522608	27.911	ug/L	98
56) Styrene	12.18	104	881971	27.985	ug/L	100
57) Isopropylbenzene	12.46	105	1416664	28.443	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	264312	26.634	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	196483	26.430	ug/L	100
62) Bromoform	12.35	173	146964	26.234	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	633912	26.708	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	628726	26.271	ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	565227	26.565	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	41620	26.415	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	479643	27.280	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	369495	28.035	ug/L	98
69) Naphthalene	15.36	128	669285	29.414	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	332524	27.842	ug/L	100

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

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