

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014403.D
 Acq On : 17 Dec 2019 19:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Dec 18 01:42:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 01:35:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1031118	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	947647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	476496	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	316225	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.00%
7) Chloroethane-d5	2.89	69	281498	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
10) 1,1-Dichloroethene-d2	4.03	63	646752	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.80%
20) 2-Butanone-d5	7.07	46	230647	56.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.38%
24) Chloroform-d	7.65	84	681899	25.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	8.30	65	363597	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
29) Benzene-d6	8.27	84	1368628	24.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.56%
33) 1,2-Dichloropropane-d6	9.27	67	433459	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.48%
37) Toluene-d8	10.32	98	1224812	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.57	79	170469	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
39) 2-Hexanone-d5	10.92	63	185125	54.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	366839	26.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	443718	24.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	230939	23.548	ug/L 99
3) Chloromethane	2.21	50	240903	24.435	ug/L 98
5) Vinyl chloride	2.36	62	378607	25.936	ug/L 97
6) Bromomethane	2.78	94	221505	24.600	ug/L 100
8) Chloroethane	2.92	64	219611	26.333	ug/L 94
9) Trichlorofluoromethane	3.26	101	185448	25.662	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	358972	26.394	ug/L 92
12) 1,1-Dichloroethene	4.04	96	349883	25.410	ug/L 84
13) Acetone	4.12	43	186937	47.652	ug/L 95
14) Carbon disulfide	4.39	76	991651	23.482	ug/L 100
15) Methyl Acetate	4.67	43	177427	23.911	ug/L 98
16) Methylene chloride	4.92	84	388402	24.572	ug/L 92
17) Methyl tert-butyl Ether	5.42	73	445544	24.537	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	354355	24.031	ug/L 92
19) 1,1-Dichloroethane	6.21	63	671618	25.351	ug/L 99
21) 2-Butanone	7.17	43	249177	47.311	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	384321	24.494	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	169541	23.491	ug/L #	82
25) Chloroform	7.67	83	649801	25.241	ug/L	99
27) 1,2-Dichloroethane	8.40	62	417348	24.757	ug/L	98
30) Cyclohexane	7.96	56	622418	26.314	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	500667	26.307	ug/L	97
32) Carbon tetrachloride	8.07	117	466227	25.818	ug/L	99
34) Benzene	8.32	78	1507353	25.121	ug/L	100
35) Trichloroethene	9.09	95	379306	24.707	ug/L	94
36) Methylcyclohexane	9.34	83	666301	25.828	ug/L	96
40) 1,2-Dichloropropane	9.37	63	380719	24.698	ug/L	100
41) Bromodichloromethane	9.64	83	459460	24.526	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	567820	24.597	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	508955	50.070	ug/L	98
44) Toluene	10.38	91	1587726	25.240	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	456873	24.449	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	272381	23.580	ug/L	97
47) Tetrachloroethene	10.86	164	312294	24.406	ug/L	97
49) 2-Hexanone	10.96	43	360382	49.798	ug/L	98
50) Dibromochloromethane	11.13	129	303242	23.390	ug/L	98
51) 1,2-Dibromoethane	11.23	107	258424	23.619	ug/L	97
52) Chlorobenzene	11.65	112	991935	24.398	ug/L	94
53) Ethylbenzene	11.73	91	1769623	25.925	ug/L	97
54) m,p-Xylene	11.84	106	678120	25.826	ug/L	98
55) o-xylene	12.16	106	642254	25.788	ug/L	98
56) Styrene	12.18	104	1112010	26.100	ug/L	97
57) Isopropylbenzene	12.46	105	1718623	26.581	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	343742	23.976	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	255488	23.982	ug/L	100
62) Bromoform	12.35	173	180372	22.303	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	788014	24.605	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	782720	24.055	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	713804	23.967	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	53933	23.474	ug/L	82
67) 1,3,5-Trichlorobenzene	14.63	180	594885	25.817	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	464343	25.850	ug/L	98
69) Naphthalene	15.36	128	868545	25.711	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	439381	26.083	ug/L	99

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

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