

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014216.D
 Acq On : 05 Dec 2019 15:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Dec 06 06:46:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 05 14:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1259478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1159171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	555251	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	494235	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
7) Chloroethane-d5	2.89	69	387867	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.40%
10) 1,1-Dichloroethene-d2	4.02	63	883714	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.92%
20) 2-Butanone-d5	7.07	46	300496	60.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.92%
24) Chloroform-d	7.65	84	895923	27.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.76%
26) 1,2-Dichloroethane-d4	8.31	65	478043	28.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.72%
29) Benzene-d6	8.27	84	1911614	28.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.56%
33) 1,2-Dichloropropane-d6	9.27	67	595727	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.00%
37) Toluene-d8	10.32	98	1742676	28.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.48%
38) trans-1,3-Dichloropropene-	10.57	79	254659	29.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.16%
39) 2-Hexanone-d5	10.92	63	248292	59.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	488332	28.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	604321	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	273911	22.866	ug/L 100
3) Chloromethane	2.21	50	272242	22.607	ug/L 98
5) Vinyl chloride	2.37	62	430875	24.165	ug/L 92
6) Bromomethane	2.78	94	276567	25.146	ug/L 100
8) Chloroethane	2.92	64	257671	25.295	ug/L 95
9) Trichlorofluoromethane	3.26	101	206251	23.366	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	401024	24.140	ug/L 94
12) 1,1-Dichloroethene	4.04	96	405761	24.125	ug/L 85
13) Acetone	4.12	43	186211	38.860	ug/L 99
14) Carbon disulfide	4.39	76	1265592	24.535	ug/L 98
15) Methyl Acetate	4.67	43	235037	25.932	ug/L 98
16) Methylene chloride	4.92	84	467451	24.211	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	589148	26.563	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	443480	24.622	ug/L 95
19) 1,1-Dichloroethane	6.21	63	805888	24.904	ug/L 99
21) 2-Butanone	7.17	43	308332	47.928	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	486479	25.383	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	222006	25.183	ug/L	87
25) Chloroform	7.67	83	781355	24.848	ug/L	100
27) 1,2-Dichloroethane	8.40	62	516418	25.079	ug/L	98
30) Cyclohexane	7.95	56	743384	25.693	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	575821	24.735	ug/L	98
32) Carbon tetrachloride	8.07	117	535230	24.231	ug/L	99
34) Benzene	8.32	78	1843844	25.122	ug/L	100
35) Trichloroethene	9.09	95	455559	24.259	ug/L	96
36) Methylcyclohexane	9.33	83	796340	25.236	ug/L	98
40) 1,2-Dichloropropane	9.37	63	471371	24.999	ug/L	99
41) Bromodichloromethane	9.64	83	573905	25.045	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	726208	25.717	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	657742	52.899	ug/L	99
44) Toluene	10.38	91	1938738	25.196	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	583575	25.531	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	352350	24.937	ug/L	97
47) Tetrachloroethene	10.86	164	372512	23.800	ug/L	96
49) 2-Hexanone	10.96	43	467016	52.757	ug/L	99
50) Dibromochloromethane	11.13	129	403271	25.430	ug/L	98
51) 1,2-Dibromoethane	11.23	107	338840	25.317	ug/L #	98
52) Chlorobenzene	11.65	112	1224665	24.626	ug/L	94
53) Ethylbenzene	11.73	91	2124500	25.445	ug/L	99
54) m,p-Xylene	11.84	106	825171	25.692	ug/L	99
55) o-xylene	12.16	106	790814	25.959	ug/L	98
56) Styrene	12.18	104	1350244	25.908	ug/L	96
57) Isopropylbenzene	12.46	105	2046744	25.879	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	446485	25.459	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	326185	25.031	ug/L	99
62) Bromoform	12.35	173	242544	25.737	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	967053	25.912	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	937507	24.725	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	891628	25.691	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	68944	25.752	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	700137	26.075	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	573116	27.380	ug/L	98
69) Naphthalene	15.36	128	1176874	29.897	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	546983	27.865	ug/L	99

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

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