

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009562.D
 Acq On : 29 Mar 2019 03:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Mar 29 07:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364831	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187292	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84815	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
7) Chloroethane-d5	2.89	69	101792	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.02	63	213306	22.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.76%
20) 2-Butanone-d5	7.08	46	86643	47.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.28%
24) Chloroform-d	7.64	84	265127	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.30	65	156984	25.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.80%
29) Benzene-d6	8.27	84	469513	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	150327	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	424846	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.36%
38) trans-1,3-Dichloropropene-	10.57	79	65756	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	64913	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149333	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	173136	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	92589	19.097 ug/L	89
3) Chloromethane	2.21	50	113622	22.089 ug/L	99
5) Vinyl chloride	2.37	62	145516	27.485 ug/L	96
6) Bromomethane	2.78	94	111646	25.170 ug/L	100
8) Chloroethane	2.93	64	111338	25.418 ug/L	96
9) Trichlorofluoromethane	3.26	101	86765	20.747 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	116249	24.069 ug/L	96
12) 1,1-Dichloroethene	4.04	96	115999	25.595 ug/L	85
13) Acetone	4.12	43	58284	39.076 ug/L	97
14) Carbon disulfide	4.38	76	318615	26.122 ug/L	100
15) Methyl Acetate	4.67	43	68060	23.227 ug/L	100
16) Methylene chloride	4.92	84	147387	27.462 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	167451	26.113 ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	123549	25.929 ug/L	94
19) 1,1-Dichloroethane	6.21	63	251781	28.980 ug/L	98
21) 2-Butanone	7.17	43	91889	44.618 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	142611	27.629 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65030	26.267	ug/L	96
25) Chloroform	7.67	83	264482	29.069	ug/L	99
27) 1,2-Dichloroethane	8.40	62	199002	29.336	ug/L	97
30) Cyclohexane	7.95	56	189682	22.893	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	200908	27.572	ug/L	100
32) Carbon tetrachloride	8.07	117	197621	26.881	ug/L	99
34) Benzene	8.32	78	554752	27.781	ug/L	100
35) Trichloroethene	9.09	95	141680	26.627	ug/L	97
36) Methylcyclohexane	9.33	83	210718	22.890	ug/L	97
40) 1,2-Dichloropropane	9.37	63	145116	28.320	ug/L	99
41) Bromodichloromethane	9.64	83	199165	28.052	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	215959	25.876	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	210199	45.270	ug/L	99
44) Toluene	10.38	91	603053	27.621	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	184487	25.411	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	107773	26.363	ug/L	99
47) Tetrachloroethene	10.86	164	110480	24.573	ug/L	98
49) 2-Hexanone	10.97	43	150461	46.008	ug/L	99
50) Dibromochloromethane	11.13	129	133263	26.407	ug/L	95
51) 1,2-Dibromoethane	11.23	107	104372	25.185	ug/L #	99
52) Chlorobenzene	11.66	112	386458	27.598	ug/L	99
53) Ethylbenzene	11.73	91	683168	27.832	ug/L	98
54) m,p-Xylene	11.84	106	252999	27.129	ug/L	89
55) o-xylene	12.16	106	247822	27.240	ug/L	93
56) Styrene	12.18	104	444183	28.615	ug/L	99
57) Isopropylbenzene	12.46	105	673376	27.630	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	143783	26.071	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	102008	24.923	ug/L	100
62) Bromoform	12.35	173	79520	25.128	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	292438	26.199	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	311646	27.004	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	289387	27.185	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	23856	22.866	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	220264	25.299	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	179589	24.556	ug/L	99
69) Naphthalene	15.37	128	365120	24.081	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	179651	26.227	ug/L	98

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

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