

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091319\
 Data File : VW012946.D
 Acq On : 13 Sep 2019 09:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Sep 13 14:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 02:47:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401320	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	173901	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107049	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
7) Chloroethane-d5	2.89	69	90265	27.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.76%
10) 1,1-Dichloroethene-d2	4.02	63	249791	25.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.52%
20) 2-Butanone-d5	7.07	46	76548	50.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.44%
24) Chloroform-d	7.65	84	255818	25.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	8.30	65	136202	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	458651	25.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.60%
33) 1,2-Dichloropropane-d6	9.27	67	147622	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	438277	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	64699	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.48%
39) 2-Hexanone-d5	10.92	63	56475	50.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109950	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	163456	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	89979	29.044 ug/L	97
3) Chloromethane	2.21	50	113043	26.744 ug/L	96
5) Vinyl chloride	2.36	62	149694	27.424 ug/L	99
6) Bromomethane	2.78	94	85933	26.358 ug/L	99
8) Chloroethane	2.92	64	85639	26.020 ug/L	95
9) Trichlorofluoromethane	3.26	101	92470	28.258 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	124562	25.994 ug/L	97
12) 1,1-Dichloroethene	4.04	96	120572	25.194 ug/L	85
13) Acetone	4.12	43	73911	56.828 ug/L	96
14) Carbon disulfide	4.38	76	376276	26.299 ug/L	100
15) Methyl Acetate	4.66	43	57121	23.516 ug/L	100
16) Methylene chloride	4.92	84	121923	22.252 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	200976	24.137 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	128471	25.030 ug/L	99
19) 1,1-Dichloroethane	6.21	63	240775	24.758 ug/L	98
21) 2-Butanone	7.16	43	91004	53.112 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	135242	24.839 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54903	23.275	ug/L	92
25) Chloroform	7.67	83	237721	24.275	ug/L	100
27) 1,2-Dichloroethane	8.40	62	160334	24.227	ug/L	98
30) Cyclohexane	7.96	56	237660	25.441	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	202398	25.335	ug/L	98
32) Carbon tetrachloride	8.07	117	193117	25.888	ug/L	99
34) Benzene	8.32	78	524154	24.869	ug/L	100
35) Trichloroethene	9.09	95	137871	24.787	ug/L	99
36) Methylcyclohexane	9.34	83	243527	25.318	ug/L	99
40) 1,2-Dichloropropane	9.37	63	128358	24.212	ug/L	100
41) Bromodichloromethane	9.64	83	166905	24.713	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	202880	24.357	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	166465	49.358	ug/L	99
44) Toluene	10.38	91	556629	24.682	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	165534	24.518	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	84531	23.711	ug/L	99
47) Tetrachloroethene	10.86	164	118348	24.709	ug/L	95
49) 2-Hexanone	10.97	43	130547	52.366	ug/L	99
50) Dibromochloromethane	11.13	129	105289	24.249	ug/L	97
51) 1,2-Dibromoethane	11.24	107	81118	23.654	ug/L	95
52) Chlorobenzene	11.65	112	341022	24.202	ug/L	97
53) Ethylbenzene	11.73	91	628032	24.537	ug/L	99
54) m,p-Xylene	11.84	106	234171	24.471	ug/L	99
55) o-xylene	12.16	106	218335	24.253	ug/L	97
56) Styrene	12.18	104	378415	24.703	ug/L	96
57) Isopropylbenzene	12.46	105	623371	25.216	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	96367	23.765	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	74387	23.806	ug/L	98
62) Bromoform	12.35	173	62084	24.981	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	267984	24.328	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	261716	23.816	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	237833	24.076	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	16460	24.043	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	210020	24.786	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	165616	24.656	ug/L	98
69) Naphthalene	15.36	128	268262	24.659	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	140785	23.754	ug/L	97

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

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