

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012944.D
 Acq On : 12 Sep 2019 19:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Sep 13 02:52:26 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	378495	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152501	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103020	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
7) Chloroethane-d5	2.89	69	84170	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.52%
10) 1,1-Dichloroethene-d2	4.02	63	246204	27.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.20%
20) 2-Butanone-d5	7.07	46	58335	40.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.96%
24) Chloroform-d	7.65	84	236443	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.30	65	114294	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	8.27	84	430254	26.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.88%
33) 1,2-Dichloropropane-d6	9.27	67	134380	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.20%
37) Toluene-d8	10.32	98	411678	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	10.58	79	54149	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.92	63	41848	40.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87257	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	142586	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	92864	31.783	ug/L 95
3) Chloromethane	2.21	50	101772	25.529	ug/L 99
5) Vinyl chloride	2.36	62	143365	27.848	ug/L 100
6) Bromomethane	2.78	94	80547	26.196	ug/L 100
8) Chloroethane	2.92	64	82567	26.599	ug/L 98
9) Trichlorofluoromethane	3.26	101	81979	26.563	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	120947	26.761	ug/L 99
12) 1,1-Dichloroethene	4.04	96	117932	26.129	ug/L 95
13) Acetone	4.12	43	46201	37.665	ug/L 93
14) Carbon disulfide	4.38	76	365668	27.098	ug/L 99
15) Methyl Acetate	4.67	43	43377	18.934	ug/L 97
16) Methylene chloride	4.91	84	113713	22.005	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	173017	22.033	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	123718	25.557	ug/L 95
19) 1,1-Dichloroethane	6.21	63	233958	25.508	ug/L 100
21) 2-Butanone	7.16	43	61488	38.050	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	125917	24.521	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49040	22.043	ug/L	96
25) Chloroform	7.68	83	223457	24.194	ug/L	100
27) 1,2-Dichloroethane	8.40	62	141468	22.665	ug/L	99
30) Cyclohexane	7.95	56	238319	27.802	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	199843	27.260	ug/L	99
32) Carbon tetrachloride	8.07	117	189410	27.671	ug/L	99
34) Benzene	8.32	78	500226	25.865	ug/L	100
35) Trichloroethene	9.09	95	135408	26.529	ug/L	99
36) Methylcyclohexane	9.34	83	242204	27.441	ug/L	98
40) 1,2-Dichloropropane	9.37	63	116777	24.005	ug/L	100
41) Bromodichloromethane	9.64	83	151305	24.415	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	180665	23.637	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	127262	41.122	ug/L	100
44) Toluene	10.38	91	540773	26.131	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	140253	22.639	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	71831	21.957	ug/L	97
47) Tetrachloroethene	10.86	164	114702	26.098	ug/L	99
49) 2-Hexanone	10.96	43	88732	38.788	ug/L	98
50) Dibromochloromethane	11.13	129	90547	22.726	ug/L	98
51) 1,2-Dibromoethane	11.23	107	66222	21.044	ug/L	95
52) Chlorobenzene	11.66	112	314280	24.307	ug/L	99
53) Ethylbenzene	11.73	91	611726	26.046	ug/L	99
54) m,p-Xylene	11.84	106	223191	25.417	ug/L	99
55) o-xylene	12.16	106	207101	25.070	ug/L	100
56) Styrene	12.18	104	347845	24.746	ug/L	95
57) Isopropylbenzene	12.46	105	596334	26.288	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	77616	20.859	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	58162	20.284	ug/L	100
62) Bromoform	12.35	173	48882	22.429	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	241810	25.032	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	236855	24.578	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	208950	24.120	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	12266	20.431	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	182451	24.554	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	130431	22.142	ug/L	97
69) Naphthalene	15.37	128	192839	20.214	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	111472	21.448	ug/L	100

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

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