

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
 Data File : VW007147.D
 Acq On : 30 Nov 2018 17:00
 Operator : SY/AP
 Sample : J6002-06
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2E81

Quant Time: Dec 05 15:33:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	138283	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	135093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29779	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
7) Chloroethane-d5	2.88	69	21505	25.49	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
10) 1,1-Dichloroethene-d2	4.02	63	74308	24.24	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.96%
20) 2-Butanone-d5	7.08	46	27425	57.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.14%
24) Chloroform-d	7.65	84	72813	25.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	8.31	65	44569	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.28	84	163121	25.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.64%
33) 1,2-Dichloropropane-d6	9.27	67	47270	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	10.33	98	170118	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	22459	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	24111	55.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45219	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	65696	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	28362	11.222 ug/L	99
3) Chloromethane	2.22	50	25299	14.332 ug/L	98
5) Vinyl chloride	2.36	62	41766	26.432 ug/L	99
6) Bromomethane	2.76	94	15470	17.066 ug/L	97
8) Chloroethane	2.92	64	7948	9.334 ug/L	93
9) Trichlorofluoromethane	3.26	101	34795	11.753 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	39648	22.694 ug/L	99
12) 1,1-Dichloroethene	4.04	96	28087	18.246 ug/L	90
15) Methyl Acetate	4.68	43	23096	27.907 ug/L	97
16) Methylene chloride	4.93	84	42627	19.282 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	178937	45.227 ug/L	99
21) 2-Butanone	7.17	43	24896	48.589 ug/L	97
25) Chloroform	7.68	83	67867	22.218 ug/L	100
30) Cyclohexane	7.96	56	62555	21.244 ug/L	98
34) Benzene	8.32	78	296396	42.340 ug/L	100
35) Trichloroethene	9.09	95	103059	54.299 ug/L	98
44) Toluene	10.39	91	439812	52.433 ug/L	100

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46) 1,1,2-Trichloroethane	10.79	97	28558	21.597	ug/L	99
47) Tetrachloroethene	10.87	164	17128	10.331	ug/L	89
52) Chlorobenzene	11.66	112	71801	12.984	ug/L	97
53) Ethylbenzene	11.73	91	254342	26.154	ug/L	98
54) m,p-Xylene	11.85	106	120042	31.636	ug/L	95
55) o-xylene	12.17	106	94239	26.781	ug/L	94
56) Styrene	12.18	104	66688	11.207	ug/L	99
57) Isopropylbenzene	12.47	105	206761	21.131	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	22023	13.106	ug/L	95
62) Bromoform	12.35	173	11364	11.944	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	93944	20.545	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	46041	10.010	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	55546	19.027	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	75571	29.665	ug/L	99

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

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