

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014427.D
 Acq On : 18 Dec 2019 12:48
 Operator : SY/VA
 Sample : K6270-11RE
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK87RE

Quant Time: Dec 19 01:09:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	5899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	2343	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	13.57	152	354	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	4963	55.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	222.24%#
7) Chloroethane-d5	2.90	69	4324	65.10	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	260.40%#
10) 1,1-Dichloroethene-d2	4.03	63	5653	35.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	143.32%#
20) 2-Butanone-d5	7.09	46	315	13.53	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.06%
24) Chloroform-d	7.64	84	7611	50.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	202.68%#
26) 1,2-Dichloroethane-d4	8.31	65	3784	48.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	192.20%#
29) Benzene-d6	8.27	84	10629	77.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	309.64%#
33) 1,2-Dichloropropane-d6	9.28	67	3803	90.02	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	360.08%#
37) Toluene-d8	10.33	98	2953	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloropropene-	10.59	79	500	28.21	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.84%
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1211	35.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	318	23.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	103	1.826	ug/L #	58
8) Chloroethane	2.95	64	97	2.033	ug/L #	44
13) Acetone	4.12	43	379	16.887	ug/L	72
16) Methylene chloride	4.92	84	296	3.273	ug/L #	31
18) trans-1,2-Dichloroethene	5.71	96	65	0.771	ug/L #	1
21) 2-Butanone	7.18	43	79	2.622	ug/L #	47
22) cis-1,2-Dichloroethene	7.17	96	56	0.624	ug/L #	1
30) Cyclohexane	7.94	56	297	5.078	ug/L #	50
31) 1,1,1-Trichloroethane	7.56	97	52	1.105	ug/L #	25
32) Carbon tetrachloride	7.95	117	27	0.605	ug/L #	2
34) Benzene	8.32	78	402	2.710	ug/L	100
35) Trichloroethene	8.84	95	158	4.163	ug/L #	2
36) Methylcyclohexane	9.32	83	65	1.019	ug/L #	2
40) 1,2-Dichloropropane	9.29	63	73	1.915	ug/L #	85
41) Bromodichloromethane	9.34	83	279	6.024	ug/L #	25
44) Toluene	10.40	91	76	0.489	ug/L	79
49) 2-Hexanone	10.94	43	87	4.862	ug/L #	37

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	12.62	75	59	2.240	ug/L #	42

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

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