

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016647.D
 Acq On : 24 Sep 2020 18:00
 Operator : SY/VA
 Sample : L4109-12
 Misc : 6.21G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X2

Quant Time: Sep 28 11:00:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	657711	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	531458	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187303	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	133218	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
7) Chloroethane-d5	2.91	69	120308	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
10) 1,1-Dichloroethene-d2	4.03	63	227407	15.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.92%
20) 2-Butanone-d5	7.09	46	75132	43.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.58%
24) Chloroform-d	7.65	84	340755	24.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	8.31	65	180980	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.28	84	652669	27.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.52%
33) 1,2-Dichloropropane-d6	9.28	67	185991	28.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.20%
37) Toluene-d8	10.33	98	589812	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.58	79	82573	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.44%
39) 2-Hexanone-d5	10.93	63	66097	56.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133925	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	156480	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	53745	39.529	ug/L	89
14) Carbon disulfide	4.40	76	29544	1.175	ug/L	98
16) Methylene chloride	4.93	84	37520	3.699	ug/L #	1
22) cis-1,2-Dichloroethene	7.17	96	1956	0.219	ug/L	90
30) Cyclohexane	7.96	56	243751	20.988	ug/L	93
31) 1,1,1-Trichloroethane	7.88	97	10729	0.864	ug/L	97
36) Methylcyclohexane	9.34	83	37054	2.651	ug/L #	59
44) Toluene	10.39	91	400223	12.495	ug/L	100
47) Tetrachloroethene	10.87	164	8089	1.087	ug/L	93
53) Ethylbenzene	11.73	91	486387	13.375	ug/L	95
54) m,p-Xylene	11.83	106	688091	48.322	ug/L	97
55) o-xylene	12.17	106	253806	18.605	ug/L	98
57) Isopropylbenzene	12.47	105	1560962	41.875	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	1925470	267.142	ug/L	96
70) 1,2,3-Trichlorobenzene	15.56	180	433746	69.971	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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