

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014483.D
 Acq On : 28 Dec 2019 00:24
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

Quant Time: Dec 28 03:38:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 03:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1368550	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1205980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	560777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	350893	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
7) Chloroethane-d5	2.89	69	315317	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
10) 1,1-Dichloroethene-d2	4.01	63	532174	15.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.32%
20) 2-Butanone-d5	7.07	46	182151	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
24) Chloroform-d	7.64	84	682313	21.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	8.30	65	352892	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.40%
29) Benzene-d6	8.27	84	1481683	23.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.40%
33) 1,2-Dichloropropane-d6	9.27	67	454606	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.32%
37) Toluene-d8	10.32	98	1342902	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.40%
38) trans-1,3-Dichloropropene-	10.57	79	175275	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.04%
39) 2-Hexanone-d5	10.92	63	152067	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	312142	21.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	415767	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	28190	4.435	ug/L	93
14) Carbon disulfide	4.39	76	34147	0.632	ug/L	98
34) Benzene	8.32	78	70022	0.965	ug/L	100
36) Methylcyclohexane	9.33	83	123930	3.771	ug/L #	59
44) Toluene	10.38	91	214016	2.822	ug/L	97
53) Ethylbenzene	11.73	91	367543	4.408	ug/L	98
54) m,p-Xylene	11.84	106	146245	4.634	ug/L	97
55) o-xylene	12.16	106	67922	2.279	ug/L	94
57) Isopropylbenzene	12.46	105	446279	5.629	ug/L	100

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

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