

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009755.D
 Acq On : 06 Apr 2019 04:19
 Operator : SY/VA
 Sample : K2188-02RE
 Misc : 3.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF649RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:52 AM

Quant Time: Apr 07 22:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	434675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157922	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
7) Chloroethane-d5	2.89	69	148355	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.88%
10) 1,1-Dichloroethene-d2	4.01	63	255080	20.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.40%
20) 2-Butanone-d5	7.07	46	85289	46.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.36%
24) Chloroform-d	7.64	84	325532	27.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	8.31	65	192578	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	627890	38.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.48%#
33) 1,2-Dichloropropane-d6	9.27	67	190863	37.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.08%#
37) Toluene-d8	10.32	98	480935	31.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.16%
38) trans-1,3-Dichloropropene-	10.58	79	40955	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.96%
39) 2-Hexanone-d5	10.93	63	55912	58.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105121	22.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	75578	26.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	38601	19.508	ug/L	81
14) Carbon disulfide	4.37	76	37651	2.098	ug/L	95
16) Methylene chloride	4.92	84	24205m	3.157	ug/L	
21) 2-Butanone	7.17	43	13043	5.183	ug/L	99
44) Toluene	10.39	91	9369	0.472	ug/L	87
53) Ethylbenzene	11.73	91	21603	0.955	ug/L	94
54) m,p-Xylene	11.85	106	5014	0.599	ug/L	87
55) o-xylene	12.16	106	17789	2.231	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	15483	3.116	ug/L #	73
64) 1,4-Dichlorobenzene	13.58	146	24400	4.605	ug/L #	81

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

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