

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009361.D
 Acq On : 22 Mar 2019 23:21
 Operator : SY/VA
 Sample : K2031-01
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S1

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:40 AM

Quant Time: Mar 24 14:34:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	291602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187063	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90579	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
7) Chloroethane-d5	2.89	69	95716	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
10) 1,1-Dichloroethene-d2	4.01	63	122622	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.08	46	90198	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
24) Chloroform-d	7.64	84	196263	24.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	8.31	65	133207	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	8.27	84	328167	31.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.24%
33) 1,2-Dichloropropane-d6	9.27	67	108389	34.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.92%#
37) Toluene-d8	10.32	98	217569	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	10.58	79	43427	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.64%
39) 2-Hexanone-d5	10.93	63	60612	80.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76591	25.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	38541	20.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	12867	10.888	ug/L	88
16) Methylene chloride	4.91	84	32390m	7.617	ug/L	
44) Toluene	10.38	91	22200	1.983	ug/L	89
53) Ethylbenzene	11.73	91	31963	2.540	ug/L	97
54) m,p-Xylene	11.83	106	65474	13.693	ug/L	99
55) o-xylene	12.16	106	40746	8.735	ug/L	93
57) Isopropylbenzene	12.46	105	17142	1.372	ug/L #	96

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

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