

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040820\
 Data File : VW015168.D
 Acq On : 08 Apr 2020 14:00
 Operator : SY/VA
 Sample : L2176-07
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J3

Manual Integrations
 APPROVED

MMDadoda
 4/10/2020 3:01:49 PM

Quant Time: Apr 10 11:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 01:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	679410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257141m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	222765	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	2.90	69	211732	21.88	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.02	63	322818	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.08	46	101007	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	7.65	84	402042	19.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	8.31	65	231108	19.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.64%
29) Benzene-d6	8.27	84	814366	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.27	67	271813	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.52%
37) Toluene-d8	10.32	98	788363	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	10.58	79	93453	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	82038	45.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169788	20.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	173659	19.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	39916	16.746	ug/L	97
30) Cyclohexane	7.95	56	105212	5.646	ug/L	91
34) Benzene	8.32	78	334847	7.925	ug/L	100
36) Methylcyclohexane	9.34	83	842298	47.667	ug/L	93
44) Toluene	10.38	91	20722	0.496	ug/L	93
53) Ethylbenzene	11.73	91	361047	8.001	ug/L	97
54) m,p-Xylene	11.83	106	26627570m	1683.086	ug/L	
55) o-xylene	12.16	106	224574	15.141	ug/L	97
57) Isopropylbenzene	12.46	105	2981910	72.972	ug/L	98

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

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