

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014845.D
 Acq On : 03 Feb 2020 20:01
 Operator : SY/VA
 Sample : L1323-04
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT44

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:39:40 PM

Quant Time: Feb 04 07:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 06:54:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	951086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	800932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	326568	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	277492	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
7) Chloroethane-d5	2.89	69	257376	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
10) 1,1-Dichloroethene-d2	4.02	63	440059	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	7.07	46	245881	43.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.84%
24) Chloroform-d	7.65	84	607684	20.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.28%
26) 1,2-Dichloroethane-d4	8.30	65	346057m	20.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.32%
29) Benzene-d6	8.27	84	1258033	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.27	67	416077	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.32	98	1041674	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	10.57	79	144784	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.08%
39) 2-Hexanone-d5	10.92	63	165076	45.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	317723	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	377061m	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	27107	4.477	ug/L	99
14) Carbon disulfide	4.39	76	19410	0.460	ug/L	96
16) Methylene chloride	4.92	84	47873	2.726	ug/L	99
44) Toluene	10.38	91	19446	0.347	ug/L	94
53) Ethylbenzene	11.73	91	552470	9.087	ug/L	99
54) m,p-Xylene	11.84	106	11798	0.530	ug/L	98
55) o-xylene	12.16	106	12742	0.615	ug/L	98
56) Styrene	12.18	104	22817	0.646	ug/L	93
57) Isopropylbenzene	12.46	105	313748	5.598	ug/L	98

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

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