

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010096.D
 Acq On : 23 Apr 2019 12:42
 Operator : SY/VA
 Sample : K2455-03RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ5RE

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:22:07 AM

Quant Time: Apr 24 04:21:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 03:51:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	176794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	169168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40357	24.16	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.64%
7) Chloroethane-d5	2.89	69	33230m	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
10) 1,1-Dichloroethene-d2	4.00	63	79957	17.26	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.08	46	31655	35.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.06%
24) Chloroform-d	7.65	84	109215	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	8.31	65	65209	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.24%
29) Benzene-d6	8.27	84	207275	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	69416	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	178099	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.58	79	26487	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.48%
39) 2-Hexanone-d5	10.93	63	24128	36.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51563	18.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	58593	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	3470	4.318	ug/L	83
16) Methylene chloride	4.91	84	11086	3.463	ug/L	91
54) m,p-Xylene	11.84	106	28586	6.614	ug/L	92
55) o-xylene	12.17	106	35484	8.559	ug/L	96
56) Styrene	12.18	104	84855	11.692	ug/L	99

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

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