

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010068.D
 Acq On : 19 Apr 2019 15:46
 Operator : SY/VA
 Sample : K2455-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR8

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:57:04 AM

Quant Time: Apr 20 05:23:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	227068	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	209917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	81880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38913	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
7) Chloroethane-d5	2.88	69	33397	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
10) 1,1-Dichloroethene-d2	4.00	63	77723	13.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.24%
20) 2-Butanone-d5	7.08	46	35518	30.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.20%
24) Chloroform-d	7.65	84	100110	15.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.00%
26) 1,2-Dichloroethane-d4	8.31	65	60950	14.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.84%#
29) Benzene-d6	8.27	84	197790	17.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.60%
33) 1,2-Dichloropropane-d6	9.27	67	64605	17.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.32%
37) Toluene-d8	10.32	98	163825	15.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.28%
38) trans-1,3-Dichloropropene-	10.57	79	25845	14.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.36%
39) 2-Hexanone-d5	10.93	63	26777	32.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	53946	15.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	60364m	19.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	12548m	12.156	ug/L	
16) Methylene chloride	4.90	84	14491m	3.525	ug/L	
44) Toluene	10.39	91	55705	4.246	ug/L	99
53) Ethylbenzene	11.73	91	45936	3.133	ug/L	99
54) m,p-Xylene	11.84	106	173294	32.310	ug/L	94
55) o-xylene	12.16	106	90710	17.634	ug/L	97
56) Styrene	12.18	104	213493	23.707	ug/L	99
57) Isopropylbenzene	12.46	105	26025	1.899	ug/L #	84

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

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