

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010191.D
 Acq On : 29 Apr 2019 20:23
 Operator : SY/VA
 Sample : K2596-19
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH45

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:07:20 PM

Quant Time: Apr 30 07:55:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	531541	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	469859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101085	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
7) Chloroethane-d5	2.89	69	91960	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.01	63	173993	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	7.07	46	76664	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
24) Chloroform-d	7.64	84	295977	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	190596	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.27	84	604503	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	179528	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.84%
37) Toluene-d8	10.32	98	439156	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.36%
38) trans-1,3-Dichloropropene-	10.58	79	63924	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.20%
39) 2-Hexanone-d5	10.93	63	57606	34.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168852	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	118600	18.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.48%

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	28462m	3.218 ug/L

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

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