

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004955.D
 Acq On : 24 Aug 2018 23:59
 Operator : SY/AP
 Sample : J4634-05MSD
 Misc : 5.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3H6MSD

Manual Integrations
 APPROVED

apatel
 8/31/2018 11:37:52 AM

Quant Time: Aug 25 04:48:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	526097	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	523672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184138	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	228206	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
7) Chloroethane-d5	2.89	69	182634	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
10) 1,1-Dichloroethene-d2	4.03	63	288009	22.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.72%
20) 2-Butanone-d5	7.09	46	62729	31.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.00%
24) Chloroform-d	7.65	84	283465m	24.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	8.31	65	166810	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	8.28	84	632871	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	198112	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	644302	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	10.59	79	66230	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.80%
39) 2-Hexanone-d5	10.93	63	58420	29.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	175590	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	186114	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.04	96	143938	23.500 ug/L	93
34) Benzene	8.33	78	695933	23.307 ug/L	100
35) Trichloroethene	9.10	95	158755	21.382 ug/L	99
44) Toluene	10.40	91	827515	23.078 ug/L	99
52) Chlorobenzene	11.66	112	509604	21.394 ug/L	99

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

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