

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082418\
 Data File : VW004960.D
 Acq On : 25 Aug 2018 02:05
 Operator : SY/AP
 Sample : J4649-04
 Misc : 5.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB89

Manual Integrations
 APPROVED

apatel
 9/13/2018 11:07:41 AM

Quant Time: Aug 25 05:53:54 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	589929	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	647539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	254798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	261797	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	207496	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
10) 1,1-Dichloroethene-d2	4.03	63	247514m	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	7.09	46	139589	61.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.02%
24) Chloroform-d	7.65	84	314716	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.31	65	201399	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.20%
29) Benzene-d6	8.28	84	742137	22.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.12%
33) 1,2-Dichloropropane-d6	9.28	67	228534	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.33	98	818923	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.84%
38) trans-1,3-Dichloropropene-	10.59	79	96093	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.28%
39) 2-Hexanone-d5	10.93	63	160173	66.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.12%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	255761	26.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	241031	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds					Qvalue
13) Acetone	4.15	43	38506	21.906 ug/L	99
21) 2-Butanone	7.20	43	6134	2.266 ug/L	91
47) Tetrachloroethene	10.87	164	23219	2.583 ug/L	93
53) Ethylbenzene	11.74	91	1713175	34.337 ug/L	99
54) m,p-Xylene	11.84	106	3601332	186.058 ug/L	96
55) o-xylene	12.17	106	1494502	82.638 ug/L	98

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

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