

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004901.D
 Acq On : 23 Aug 2018 17:02
 Operator : SY/AP
 Sample : J4624-04
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4430

Manual Integrations
 APPROVED

MMDadoda
 8/27/2018 1:45:23 PM

Quant Time: Aug 24 06:48:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	810463	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	778010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	392993	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	318120	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	2.89	69	241222	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
10) 1,1-Dichloroethene-d2	4.03	63	329507	16.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.09	46	89903	28.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.68%
24) Chloroform-d	7.65	84	410277	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	212595	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.96%
29) Benzene-d6	8.28	84	1053618	26.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.32%
33) 1,2-Dichloropropane-d6	9.28	67	301912	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	10.33	98	1044573	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.59	79	120638	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.40%
39) 2-Hexanone-d5	10.93	63	99786	34.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	227232	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	378886	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.15	43	8316m	3.44	ug/L	
22) cis-1,2-Dichloroethene	7.18	96	745681	70.33	ug/L	96
35) Trichloroethene	9.10	95	715559	64.87	ug/L	99
47) Tetrachloroethene	10.87	164	11548459	1069.39	ug/L	98

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

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