

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006942.D
 Acq On : 19 Nov 2018 13:24
 Operator : SY/AP
 Sample : J5979-04MSD
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 20 06:32:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 20 06:18:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	170045	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	145384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51928	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35458	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	2.89	69	26840	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	4.03	63	95955	23.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.16%
20) 2-Butanone-d5	7.09	46	26519	31.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.74%
24) Chloroform-d	7.65	84	93673	24.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	8.31	65	56999	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.32%
29) Benzene-d6	8.28	84	194446	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	9.28	67	59948	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.33	98	193266	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.58	79	22736	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.00%
39) 2-Hexanone-d5	10.93	63	20977	36.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42814	21.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	46291	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	47256	24.326	ug/L	95
13) Acetone	4.16	43	11855	22.118	ug/L	91
21) 2-Butanone	7.18	43	4876m	5.273	ug/L	
34) Benzene	8.33	78	217523	26.754	ug/L	100
35) Trichloroethene	9.09	95	56350	25.446	ug/L	98
44) Toluene	10.39	91	245902	26.414	ug/L	98
52) Chlorobenzene	11.66	112	144512	24.680	ug/L	99

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

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