

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004945.D
 Acq On : 24 Aug 2018 19:45
 Operator : SY/AP
 Sample : J4650-02MS
 Misc : 4.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB80MS

Quant Time: Aug 25 03:41:43 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	649576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	654076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	215698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270823	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	2.89	69	215278	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.03	63	350210	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.36%
20) 2-Butanone-d5	7.09	46	110437	44.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.40%
24) Chloroform-d	7.65	84	339201	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	8.31	65	194937	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.28	84	809074	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.28	67	246146	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.33	98	850764	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	100088	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.12%
39) 2-Hexanone-d5	10.93	63	116020	47.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	219460	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	211530	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	172451	22.803	ug/L	96
13) Acetone	4.15	43	53240	27.507	ug/L	97
21) 2-Butanone	7.19	43	10971	3.681	ug/L	98
34) Benzene	8.33	78	916249	24.568	ug/L	100
35) Trichloroethene	9.10	95	201636	21.743	ug/L	98
44) Toluene	10.39	91	1211896	27.059	ug/L	100
52) Chlorobenzene	11.66	112	647801	21.774	ug/L	98
54) m,p-Xylene	11.84	106	185753	9.501	ug/L	100
55) o-xylene	12.17	106	74249	4.065	ug/L	99

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

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