

Data File : VV010906.D
 Acq On : 15 May 2019 20:24
 Operator : SY/MD
 Sample : K2738-16
 Misc : 4.17G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8A0

Quant Time: May 16 08:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 08:09:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118834	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31447	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	1.57	69	25804	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.60%
10) 1,1-Dichloroethene-d2	2.13	63	47158	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	3.94	46	22839	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
24) Chloroform-d	4.40	84	68743	20.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.16%
26) 1,2-Dichloroethane-d4	5.08	65	41514	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.12%
29) Benzene-d6	5.10	84	141692	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	6.12	67	48687	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	7.36	98	121647	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	7.66	79	17046	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	16077	44.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39483	22.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	34312	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
47) Tetrachloroethene	8.02	164	962	0.790	ug/L	92

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

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