

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112420\
 Data File : VY003611.D
 Acq On : 24 Nov 2020 17:23
 Operator : SY/MD
 Sample : L4861-02
 Misc : 4.91G/10ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0B24

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:18:55 PM

Quant Time: Nov 25 06:47:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111920S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 06:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	77567	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	67031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	22396	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	32398	37.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.60%#
7) Chloroethane-d5	2.77	69	25360	31.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.88%
10) 1,1-Dichloroethene-d2	3.86	63	48888	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.52%
20) 2-Butanone-d5	6.90	46	16251	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
24) Chloroform-d	7.49	84	59340	30.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.40%
26) 1,2-Dichloroethane-d4	8.15	65	31467	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.12	84	117991	30.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.84%
33) 1,2-Dichloropropane-d6	9.13	67	33922	29.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.48%
37) Toluene-d8	10.18	98	92662	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.44	79	13653	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.78	63	9579	32.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.34%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	24243	24.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	20580	28.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.88%

Target Compounds				Ovalue
16) Methylene chloride	4.73	84	3771m	2.836 ug/L

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

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