

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003699.D
 Acq On : 09 Dec 2020 14:40
 Operator : SY/MD
 Sample : L4980-02
 Misc : 6.20G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E7

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:25:24 PM

Quant Time: Dec 10 03:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	192663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	180758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	80801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	53658	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
7) Chloroethane-d5	2.77	69	46215	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	3.86	63	84389	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.84%
20) 2-Butanone-d5	6.90	46	46779	48.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.32%
24) Chloroform-d	7.49	84	114484	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.15	65	66361	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	8.12	84	248557	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	9.12	67	75957	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	10.18	98	228762	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.44	79	35894	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.00%
39) 2-Hexanone-d5	10.79	63	39557	50.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.98%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	71620	25.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	78188	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

					Ovalue
13) Acetone	3.96	43	4202	5.902 ug/L	92
16) Methylene chloride	4.73	84	4791m	1.416 ug/L	
34) Benzene	8.17	78	4020	0.389 ug/L	100
36) Methylcyclohexane	9.19	83	2046	0.470 ug/L	93
44) Toluene	10.25	91	12188	1.117 ug/L	100
53) Ethylbenzene	11.59	91	11732	0.986 ug/L	93
54) m,p-Xylene	11.70	106	1431	0.312 ug/L	77

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

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