

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003723.D
 Acq On : 10 Dec 2020 16:53
 Operator : SY/MD
 Sample : L4980-06MS
 Misc : 6.17G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F0MS

Quant Time: Dec 11 01:37:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	239208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	225595	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	105394	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	62433	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
7) Chloroethane-d5	2.77	69	53933	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	3.86	63	127842	20.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.32%
20) 2-Butanone-d5	6.90	46	50047	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.49	84	139294	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.15	65	78383	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	8.12	84	297134	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.12	67	88958	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	10.18	98	274778	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.44	79	43200	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.79	63	46897	48.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.86%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	79697	23.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	95176	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.89	96	65439	22.859 ug/L	86
13) Acetone	3.96	43	8593	9.720 ug/L	99
22) cis-1,2-Dichloroethene	7.00	96	57366	16.700 ug/L	93
34) Benzene	8.17	78	283320	21.954 ug/L	100
35) Trichloroethene	8.94	95	124675	35.188 ug/L	99
44) Toluene	10.25	91	307499	22.588 ug/L	98
47) Tetrachloroethene	10.72	164	1407089	509.945 ug/L	93
52) Chlorobenzene	11.51	112	195388	21.809 ug/L	98

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

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