

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003753.D
 Acq On : 14 Dec 2020 17:17
 Operator : SY/MD
 Sample : L5063-04RE
 Misc : 4.36G/10ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD6RE

Quant Time: Dec 15 04:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	282354	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	224280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	71176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	109481	28.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.64%
7) Chloroethane-d5	2.77	69	81034	28.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.84%
10) 1,1-Dichloroethene-d2	3.86	63	165637	20.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.84%
20) 2-Butanone-d5	6.90	46	74317	44.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.52%
24) Chloroform-d	7.49	84	194279	26.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	8.15	65	108386	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	8.12	84	406683	31.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.32%
33) 1,2-Dichloropropane-d6	9.12	67	125553	31.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.24%#
37) Toluene-d8	10.18	98	335355	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.16%
38) trans-1,3-Dichloropropene-	10.44	79	56382	28.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.44%
39) 2-Hexanone-d5	10.79	63	55981	50.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.44%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	86209	24.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.60%
61) 1,2-Dichlorobenzene-d4	13.72	152	71353	27.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.64%

Target Compounds

					Ovalue
3) Chloromethane	2.12	50	1625	0.369 ug/L	93
13) Acetone	3.96	43	6869	5.933 ug/L	85
16) Methylene chloride	4.73	84	8129	1.604 ug/L	87
44) Toluene	10.25	91	7904	0.521 ug/L	98
53) Ethylbenzene	11.59	91	4141	0.250 ug/L	95
54) m,p-Xylene	11.70	106	3010	0.471 ug/L	87
55) o-xylene	12.03	106	3188	0.532 ug/L	99
57) Isopropylbenzene	12.33	105	9873	0.617 ug/L #	96

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

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