

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003701.D
 Acq On : 09 Dec 2020 15:25
 Operator : SY/MD
 Sample : L4979-11
 Misc : 6.61G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G1

Quant Time: Dec 10 03:30:03 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	117552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	111210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	49648	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	46877	28.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.80%
7) Chloroethane-d5	2.77	69	40034	31.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.68%
10) 1,1-Dichloroethene-d2	3.86	63	75558	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.60%
20) 2-Butanone-d5	6.91	46	35294	59.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.10%
24) Chloroform-d	7.49	84	104340	34.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	137.96%
26) 1,2-Dichloroethane-d4	8.15	65	57836	33.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	135.92%#
29) Benzene-d6	8.12	84	224276	34.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.32%#
33) 1,2-Dichloropropane-d6	9.12	67	67879	35.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.52%#
37) Toluene-d8	10.18	98	203498	35.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	141.04%#
38) trans-1,3-Dichloropropene-	10.44	79	30670	33.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	134.72%
39) 2-Hexanone-d5	10.79	63	28787	60.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.62%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	57812	34.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.24%#
61) 1,2-Dichlorobenzene-d4	13.72	152	70518	39.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	156.36%#

Target Compounds

					Ovalue
13) Acetone	3.95	43	5958	13.715 ug/L	71
16) Methylene chloride	4.73	84	6056	2.934 ug/L	91
34) Benzene	8.17	78	2022	0.318 ug/L	100
44) Toluene	10.25	91	9681	1.443 ug/L	97
53) Ethylbenzene	11.59	91	7376	1.007 ug/L	98
54) m,p-Xylene	11.70	106	699	0.247 ug/L	85

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

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