

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120820\
 Data File : VY003687.D
 Acq On : 08 Dec 2020 19:46
 Operator : SY/MD
 Sample : L4979-05
 Misc : 3.60G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F7

Quant Time: Dec 09 03:02:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 09 01:58:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	191460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	177443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	77245	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	65425	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.64%
7) Chloroethane-d5	2.77	69	50995	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.88%
10) 1,1-Dichloroethene-d2	3.86	63	97367	19.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.44%
20) 2-Butanone-d5	6.90	46	35231	36.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.00%
24) Chloroform-d	7.49	84	119665	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.15	65	66732	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.12	84	262755	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.12	67	78378	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.18	98	236207	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.60%
38) trans-1,3-Dichloropropene-	10.44	79	36980	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.80%
39) 2-Hexanone-d5	10.79	63	29001	38.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.16%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	68718	25.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.48%
61) 1,2-Dichlorobenzene-d4	13.72	152	72934	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.95	43	4476	6.326	ug/L	89
16) Methylene chloride	4.74	84	9088	2.703	ug/L	95
21) 2-Butanone	7.00	43	970	0.776	ug/L	80
30) Cyclohexane	7.78	56	1209	0.316	ug/L #	79
34) Benzene	8.17	78	3084	0.304	ug/L	100
36) Methylcyclohexane	9.18	83	1394	0.326	ug/L	98
44) Toluene	10.25	91	13367	1.248	ug/L	98
53) Ethylbenzene	11.59	91	10772	0.922	ug/L	95
54) m,p-Xylene	11.70	106	1401	0.311	ug/L	98

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

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