

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003719.D
 Acq On : 10 Dec 2020 15:22
 Operator : SY/MD
 Sample : L4979-10RE
 Misc : 6.94G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G0RE

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:06 AM

Quant Time: Dec 11 01:24:47 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	180170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.50	117	119680	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	22036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	55580	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.77	69	48606	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.16%
10) 1,1-Dichloroethene-d2	3.86	63	88264	18.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.64%
20) 2-Butanone-d5	6.90	46	36236	39.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.78%
24) Chloroform-d	7.49	84	118884	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	8.15	65	61920	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
29) Benzene-d6	8.12	84	248262	35.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.32%#
33) 1,2-Dichloropropane-d6	9.12	67	70890	34.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.28%#
37) Toluene-d8	10.18	98	198263	31.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.68%
38) trans-1,3-Dichloropropene-	10.44	79	26261	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.20%
39) 2-Hexanone-d5	10.79	63	26118	50.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.68%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	32049	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.16%
61) 1,2-Dichlorobenzene-d4	13.72	152	18956	23.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.72%

Target Compounds

					Ovalue
13) Acetone	3.95	43	14578	21.894	ug/L 94
14) Carbon disulfide	4.21	76	3639	0.506	ug/L # 92
16) Methylene chloride	4.74	84	4773m	1.509	ug/L
34) Benzene	8.17	78	5224	0.763	ug/L 100
36) Methylcyclohexane	9.18	83	2046m	0.710	ug/L
44) Toluene	10.25	91	17935	2.483	ug/L 96
53) Ethylbenzene	11.59	91	15298	1.941	ug/L 100
54) m,p-Xylene	11.70	106	1728	0.568	ug/L 78
55) o-xylene	12.03	106	642	0.220	ug/L 66

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

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