

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003814.D
 Acq On : 18 Dec 2020 12:51
 Operator : SY/MD
 Sample : L5134-01RE
 Misc : 5.62G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFN58RE

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:38:29 PM

Quant Time: Dec 19 00:42:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	258259	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	201779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	65701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	73459	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.78	69	59270	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
10) 1,1-Dichloroethene-d2	3.87	63	98970	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	6.91	46	35413	23.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.12%
24) Chloroform-d	7.49	84	131580	19.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	8.15	65	68186	17.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.92%
29) Benzene-d6	8.12	84	293853	25.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.64%
33) 1,2-Dichloropropane-d6	9.12	67	85394	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.18	98	250160	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.44	79	34224	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	10.79	63	29176	29.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.18%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	54289	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.32%
61) 1,2-Dichlorobenzene-d4	13.72	152	52674	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

Target Compounds

					Ovalue
3) Chloromethane	2.13	50	3085	0.766 ug/L	93
14) Carbon disulfide	4.21	76	2527	0.201 ug/L	98
16) Methylene chloride	4.73	84	9083m	1.959 ug/L	
47) Tetrachloroethene	10.72	164	1924	0.702 ug/L	95
53) Ethylbenzene	11.59	91	8031	0.539 ug/L	96
54) m,p-Xylene	11.70	106	14252	2.480 ug/L	83
55) o-xylene	12.03	106	6143	1.139 ug/L	98

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

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