

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003716.D
 Acq On : 10 Dec 2020 13:57
 Operator : SY/MD
 Sample : L4980-08
 Misc : 7.11G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F1

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:04 AM

Quant Time: Dec 11 01:13:57 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	203827	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	190138	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	86561	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51403	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	2.77	69	45694	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.04%
10) 1,1-Dichloroethene-d2	3.86	63	84247	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	6.90	46	32060	31.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.40%
24) Chloroform-d	7.49	84	116207	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.15	65	60764	20.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.36%
29) Benzene-d6	8.12	84	248110	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.12	67	73292	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.18	98	226836	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.44	79	32730	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.08%
39) 2-Hexanone-d5	10.79	63	28884	35.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.78%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	55298	19.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	76149	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

					Ovalue
13) Acetone	3.96	43	3523	4.677 ug/L	96
16) Methylene chloride	4.72	84	3130m	0.875 ug/L	
22) cis-1,2-Dichloroethene	7.00	96	17084	5.837 ug/L	96
34) Benzene	8.17	78	5353	0.492 ug/L	100
35) Trichloroethene	8.94	95	10648	3.566 ug/L	99
36) Methylcyclohexane	9.19	83	1540	0.337 ug/L #	64
44) Toluene	10.25	91	15432	1.345 ug/L	93
47) Tetrachloroethene	10.72	164	239335	102.913 ug/L	96
53) Ethylbenzene	11.59	91	14200	1.134 ug/L	94
54) m,p-Xylene	11.70	106	2202	0.456 ug/L	79
55) o-xylene	12.03	106	995	0.215 ug/L	66

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

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