

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120120\
 Data File : VY003635.D
 Acq On : 01 Dec 2020 14:22
 Operator : SY/MD
 Sample : VY1201SBL02
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK420

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 1:28:57 PM

Quant Time: Dec 02 01:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 01 12:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	240646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	224879	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	108533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	72080	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
7) Chloroethane-d5	2.77	69	60409	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	3.86	63	118238m	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
21) 2-Butanone-d5	6.89	46	71959	53.31	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	7.48	84	150640	24.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	8.14	65	85336	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
32) Benzene-d6	8.11	84	323768	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	9.12	67	97761	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
41) Toluene-d8	10.18	98	287228	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
43) trans-1,3-Dichloropropene-	10.43	79	44679	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.08%
47) 2-Hexanone-d5	10.79	63	55621	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	99304	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
66) 1,2-Dichlorobenzene-d4	13.71	152	103222	26.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.20%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	8705	2.143 ug/L	93

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

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