

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000942.D
 Acq On : 13 Dec 2019 13:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

apatel
 12/17/2019 2:47:44 PM

Quant Time: Dec 14 06:16:51 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 09:49:35 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	447595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	412154	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	189095	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	133118	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	2.76	69	131335	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	3.85	63	206763	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
21) 2-Butanone-d5	6.89	46	168570	56.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.62%
24) Chloroform-d	7.49	84	273345	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.14	65	161456	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
32) Benzene-d6	8.11	84	612558	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	9.12	67	199046	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	10.17	98	543832	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	10.43	79	84770	23.12	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
47) 2-Hexanone-d5	10.78	63	130473	57.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.78%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	190794	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	183106	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds					Ovalue
13) Acetone	3.95	43	7920	2.773 ug/L	86
16) Methylene chloride	4.72	84	6823m	0.935 ug/L	
51) Chlorobenzene	11.51	112	8722	0.472 ug/L	97

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

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