

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025606.D
 Acq On : 23 Jul 2018 16:45
 Operator : MD/SY
 Sample : PB111343ZHE#12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#12

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:56 PM

Quant Time: Jul 24 09:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66893	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.18%
7) Chloroethane-d5	1.68	69	58917	38.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.06%
11) 1,1-Dichloroethene-d2	2.27	63	115761	30.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.00%
21) 2-Butanone-d5	4.18	46	159319	111.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.33%
24) Chloroform-d	4.65	84	181256	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	125668	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.35	84	341303	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.34	67	114510	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.57	98	321643	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.85	79	55484	43.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.54%
47) 2-Hexanone-d5	8.31	63	120495	114.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.63%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165781	47.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	144389	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%

Target Compounds Ovalue

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

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