

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028823.D
 Acq On : 20 Dec 2018 14:42
 Operator : MD/SY
 Sample : J6468-15
 Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JH1

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:10:56 AM

Quant Time: Dec 21 13:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	118124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67430	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.50%
7) Chloroethane-d5	1.64	69	39814m	28.09	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.18%#
11) 1,1-Dichloroethene-d2	2.23	63	86627	28.07	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.14%#
21) 2-Butanone-d5	4.19	46	112588	87.58	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.58%
24) Chloroform-d	4.64	84	112799	39.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.30	65	72278	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.28%
32) Benzene-d6	5.33	84	250145	38.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.92%
36) 1,2-Dichloropropane-d6	6.32	67	86998	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.78%
41) Toluene-d8	7.56	98	232234	39.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.84%#
43) trans-1,3-Dichloropropene-	7.85	79	40239	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.32	63	99887	96.43	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135641	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	99873	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

					Qvalue
19) 1,1-Dichloroethane	3.43	63	13717	4.438 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	10751	5.970 ug/L	94
34) Trichloroethene	6.18	95	5550	3.178 ug/L #	86
42) Toluene	7.64	91	123604	16.854 ug/L	100
46) Tetrachloroethene	8.22	164	3602	2.678 ug/L	81
52) Ethylbenzene	9.25	91	2555448	324.286 ug/L	98
53) m,p-Xylene	9.38	106	3624270	1243.738 ug/L	97
54) o-xylene	9.78	106	1334166	456.814 ug/L	100
56) Isopropylbenzene	10.17	105	45159	6.095 ug/L	99

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

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