

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037047.D
 Acq On : 04 Mar 2020 18:33
 Operator : JC/MD
 Sample : L1784-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ3

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:30 PM

Quant Time: Mar 05 01:55:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258175	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90669	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.93	69	88211	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.59	63	131339	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	4.67	46	149913	103.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	5.11	84	161330	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.74	65	112990	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.76	84	351583	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
36) 1,2-Dichloropropane-d6	6.73	67	109509	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.92	98	304818	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	49029	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.66	63	104532	92.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157943	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	90429	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	24304	14.741	ug/L	99
12) 1,1-Dichloroethene	2.60	96	16646	9.982	ug/L #	3
13) Acetone	2.65	43	3814	2.550	ug/L	99
19) 1,1-Dichloroethane	3.92	63	3467	0.996	ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	142910	71.347	ug/L	99
25) Chloroform	5.13	83	7495	2.232	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	78286	29.565	ug/L	100
31) Carbon tetrachloride	5.56	117	2798	1.348	ug/L	92
34) Trichloroethene	6.58	95	26056511m	13587.668	ug/L	
45) 1,1,2-Trichloroethane	8.42	97	10236	5.479	ug/L	96
46) Tetrachloroethene	8.58	164	2818	2.231	ug/L	94

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

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