

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081418\
 Data File : VU026104.D
 Acq On : 14 Aug 2018 16:18
 Operator : MD/SY
 Sample : J4451-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ3

Manual Integrations
 APPROVED

apatel
 8/16/2018 2:20:28 PM

Quant Time: Aug 16 09:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 01:50:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	266095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	262224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68599	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.54%
7) Chloroethane-d5	1.67	69	63734	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.27	63	106326	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
21) 2-Butanone-d5	4.18	46	164906	101.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.65	84	53597	12.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	25.98%#
26) 1,2-Dichloroethane-d4	5.31	65	129402	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
32) Benzene-d6	5.35	84	342389	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
36) 1,2-Dichloropropane-d6	6.33	67	117774	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.57	98	311565	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.85	79	56958	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.82%
47) 2-Hexanone-d5	8.31	63	108226	90.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	7649	1.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	3.98%#
64) 1,2-Dichlorobenzene-d4	11.86	152	151065m	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%

Target Compounds

						Ovalue
13) Acetone	2.32	43	600039	595.84	ug/L	100
22) 2-Butanone	4.26	43	175765	120.62	ug/L	99
25) Chloroform	4.68	83	129660	37.50	ug/L	100
34) Trichloroethene	6.18	95	6484	3.32	ug/L	85
42) Toluene	7.64	91	21251	2.68	ug/L	97
51) Chlorobenzene	9.12	112	2056149	384.67	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	212256	48.60	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1256835	274.49	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1693228	364.20	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	1071612	388.19	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	269895	90.97	ug/L	99

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

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