

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026736.D
 Acq On : 13 Sep 2018 19:26
 Operator : MD/SY
 Sample : J4893-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L1

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 1:55:35 PM

Quant Time: Sep 14 05:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	188176	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	187923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	112546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63563	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.68	69	50924	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.27	63	89408	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	4.18	46	86997	99.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.69%
24) Chloroform-d	4.65	84	99432	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.31	65	68491	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
32) Benzene-d6	5.34	84	211928	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
36) 1,2-Dichloropropane-d6	6.33	67	70789	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.74%
41) Toluene-d8	7.57	98	196017	42.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.90%
43) trans-1,3-Dichloropropene-	7.85	79	32253	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.00%
47) 2-Hexanone-d5	8.31	63	62967	94.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95515	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.88	152	110196	49.12	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	2762	2.779	ug/L	93
29) Cyclohexane	5.00	56	4065	1.975	ug/L	92
31) Carbon tetrachloride	5.14	117	2994	1.664	ug/L	97
33) Benzene	5.39	78	94386	17.935	ug/L	100
35) Methylcyclohexane	6.42	83	14249	6.806	ug/L #	80
42) Toluene	7.64	91	1966	0.360	ug/L	100
46) Tetrachloroethene	8.23	164	1435	1.305	ug/L	90
51) Chlorobenzene	9.13	112	15452267m	4314.573	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1731950	535.946	ug/L	98
63) 1,4-Dichlorobenzene	11.52	146	12638308	3691.752	ug/L	97
65) 1,2-Dichlorobenzene	11.89	146	22896747m	6704.047	ug/L	
68) 1,2,4-trichlorobenzene	13.52	180	13754508	6173.611	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	1663066	689.111	ug/L	99

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

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