

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
 Data File : VU026937.D
 Acq On : 20 Sep 2018 14:39
 Operator : MD/SY
 Sample : J4893-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K6

Manual Integrations
 APPROVED

sam
 9/28/2018 4:05:31 PM

Quant Time: Sep 27 08:02:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	286358	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	287577	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	176472	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75977	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.74%
7) Chloroethane-d5	1.68	69	65472	36.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.22%
11) 1,1-Dichloroethene-d2	2.27	63	108058	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
21) 2-Butanone-d5	4.18	46	107663	76.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.59%
24) Chloroform-d	4.65	84	132303	33.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.34%#
26) 1,2-Dichloroethane-d4	5.31	65	84620	34.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.40%#
32) Benzene-d6	5.35	84	280495	34.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	6.33	67	86233	33.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.42%#
41) Toluene-d8	7.57	98	243944	33.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.85	79	38411	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
47) 2-Hexanone-d5	8.31	63	75351	73.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117483	32.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	64.90%#
64) 1,2-Dichlorobenzene-d4	11.87	152	127489	34.73	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.46%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl tert-butyl Ether	3.00	73	3212	0.537	ug/L #	85
29) Cyclohexane	5.00	56	5170	1.548	ug/L	97
31) Carbon tetrachloride	5.14	117	34864	11.372	ug/L	96
33) Benzene	5.39	78	25034067m	2807.774	ug/L	
34) Trichloroethene	6.19	95	1616	0.755	ug/L	92
35) Methylcyclohexane	6.42	83	2443	0.700	ug/L #	68
42) Toluene	7.64	91	4587	0.508	ug/L	94
46) Tetrachloroethene	8.23	164	3665	1.932	ug/L	93
51) Chlorobenzene	9.12	112	25438091m	4155.034	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1461472	271.665	ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	17723571m	2991.953	ug/L	
65) 1,2-Dichlorobenzene	11.89	146	17418260m	2924.127	ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	2527455	704.536	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	453142	114.704	ug/L	98

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

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