

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092118\
 Data File : VU026932.D
 Acq On : 20 Sep 2018 12:43
 Operator : MD/SY
 Sample : J4893-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K3

Quant Time: Sep 27 05:21:39 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	329903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	318669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	185407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95603	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.34%
7) Chloroethane-d5	1.68	69	81901	39.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.42%
11) 1,1-Dichloroethene-d2	2.27	63	136028	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.92%#
21) 2-Butanone-d5	4.18	46	129947	80.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.24%
24) Chloroform-d	4.65	84	170099	37.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.16%
26) 1,2-Dichloroethane-d4	5.31	65	107227	37.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.24%
32) Benzene-d6	5.34	84	348121	38.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.96%
36) 1,2-Dichloropropane-d6	6.33	67	113038	39.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.56%
41) Toluene-d8	7.57	98	302172	37.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.90%#
43) trans-1,3-Dichloropropene-	7.85	79	48023	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
47) 2-Hexanone-d5	8.31	63	91708	81.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148330	36.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	140104	36.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.64%#

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.89	101	37043	9.633 ug/L	99
31) Carbon tetrachloride	5.14	117	3118	0.918 ug/L	99
33) Benzene	5.39	78	286762	29.025 ug/L	100
51) Chlorobenzene	9.12	112	727463	107.230 ug/L	100
52) Ethylbenzene	9.25	91	6412	0.612 ug/L	91
54) o-xylene	9.78	106	6746	1.720 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	605654	107.156 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	9075912	1458.289 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	2608890	416.866 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	505796	134.198 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	101827	24.533 ug/L	99

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

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