

Data File : VU028258.D
Acq On : 19 Nov 2018 16:50
Operator : MD/SY
Sample : J5986-02MS 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FG7MS

Quant Time: Nov 26 04:35:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	55462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42614	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.68	69	38930	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.28	63	88958	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.20	46	146390	44.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.74%
24) Chloroform-d	4.65	84	81532	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	45624	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.34	84	160500	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.33	67	62308	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.57	98	138936	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	17482	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	102595	40.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42412	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	48486	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.41	62	12904	0.981 ug/L #	63
12) 1,1-Dichloroethene	2.29	96	43603	5.467 ug/L	88
17) Methyl tert-butyl Ether	3.01	73	40896	1.707 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	3156	0.371 ug/L	87
22) cis-1,2-Dichloroethene	4.23	96	77292	7.697 ug/L	95
33) Benzene	5.39	78	210813	5.054 ug/L	100
34) Trichloroethene	6.19	95	128493	12.582 ug/L	97
42) Toluene	7.64	91	209365	4.952 ug/L	99
47) Tetrachloroethene	8.23	164	1170	0.165 ug/L	83
51) Chlorobenzene	9.12	112	126761	5.206 ug/L	99

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

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