

Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBJ3

Manual Integrations
APPROVED

sam
8/24/2018 2:44:11 PM

Quant Time: Aug 30 06:40:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.90	114	373217	50.00	ug/L	0.01
28) Chlorobenzene-d5	9.09	117	361109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	229570	100.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	201.70%#
7) Chloroethane-d5	1.68	69	78065	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.10%
11) 1,1-Dichloroethene-d2	2.28	63	932695	208.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	416.92%#
21) 2-Butanone-d5	4.34	46	95748m	52.70	ug/L	0.16
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.70%
24) Chloroform-d	4.67	84	229255	45.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.32	65	151011	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.36	84	461169	47.74	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.36	67	155260	50.05	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.57	98	428367	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	74994	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.31	63	140893	106.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	203863	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	168840	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	14018049m	5149.450	ug/L
12) 1,1-Dichloroethene	2.28	96	1438034	732.081	ug/L # 71
14) Carbon disulfide	2.48	76	20901	2.774	ug/L 98
17) trans-1,2-Dichloroethene	2.99	96	5306043	2191.473	ug/L 100
19) 1,1-Dichloroethane	3.46	63	37145	8.425	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	79005578m	29561.741	ug/L
33) Benzene	5.40	78	43017	4.370	ug/L 100
34) Trichloroethene	6.20	95	54855024m	21071.672	ug/L
40) 4-Methyl-2-pentanone	7.47	43	4926	1.445	ug/L 98
42) Toluene	7.64	91	44415	4.240	ug/L 96

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

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