

Data File : VU026433.D
Acq On : 29 Aug 2018 19:47
Operator : MD/SY
Sample : J4691-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE02

Manual Integrations
APPROVED

MMDadoda
8/30/2018 11:41:14 AM

Quant Time: Sep 11 08:41:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 30 02:20:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	182896	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	96600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42622	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.68	69	39448	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.27	63	69305	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	4.18	46	69988	93.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.31%
24) Chloroform-d	4.65	84	81153	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.31	65	54805	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.34	84	166185	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.84%
36) 1,2-Dichloropropane-d6	6.34	67	56491	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.02%
41) Toluene-d8	7.58	98	168946	41.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.04%
43) trans-1,3-Dichloropropene-	7.85	79	26612	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
47) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	92327	43.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	80882	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	6164	3.786	ug/L #	71
13) Acetone	2.32	43	5782	8.903	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	6945	6.897	ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	378594	335.608	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	2438	1.211	ug/L	96
34) Trichloroethene	6.20	95	6391328	4859.560	ug/L	99
46) Tetrachloroethene	8.25	164	90399792m	84070.402	ug/L	
51) Chlorobenzene	9.13	112	4990	1.364	ug/L	94
52) Ethylbenzene	9.26	91	7945	1.335	ug/L	98
53) m,p-Xylene	9.38	106	11860	5.338	ug/L	90
54) o-xylene	9.79	106	7305	3.371	ug/L	95
56) Isopropylbenzene	10.17	105	7738	1.364	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	19854	6.659	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	3582	1.798	ug/L	98

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

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