Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
Data File : VR026328.D
Acq On : 15 Feb 2019 14:05
Operator : SY/MD
Sample : K1488-21MS
Misc : 25mL/MSVOA R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : ESXF7MS

Quant Time: Feb 16 03:37:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 03:20:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	596136	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	230891	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	2.63	69	197633	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	3.61	63	579765	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	6.58	46	186548	53.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.66%			
24) Chloroform-d	7.20	84	375572	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	7.89	65	145674	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	7.85	84	787957	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	8.89	67	197913	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	9.97	98	708768	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	10.24	79	47645	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	10.59	63	138852	55.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.26%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66128	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	129890	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
5) Vinyl chloride	2.17	62	303388	4.802	ug/L	98
12) 1,1-Dichloroethene	3.63	96	249849	4.387	ug/L	87
13) Acetone	3.71	43	11724	3.207	ug/L	51
18) trans-1,2-Dichloroethene	4.88	96	145134	2.808	ug/L	91
22) cis-1,2-Dichloroethene	6.67	96	2422070	58.089	ug/L #	90
30) Cyclohexane	7.53	56	39980	0.644	ug/L	96
33) Benzene	7.90	78	880458	4.725	ug/L	100
34) Trichloroethene	8.71	95	813423	16.931	ug/L	98
35) Methylcyclohexane	8.95	83	14696	0.220	ug/L #	86
42) Toluene	10.03	91	930284	4.858	ug/L	98
47) Tetrachloroethene	10.51	164	927154	25.150	ug/L	94
51) Chlorobenzene	11.32	112	489693	4.472	ug/L	99

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

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