Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000522.D
Acq On : 21 Mar 2018 16:26
Operator : JU/SJ
Sample : J1905-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM41

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3/22/2018 6:49:20 PM

Quant Time: Mar 23 11:57:08 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	165971	20.00	ng/ul	0.02
18) Naphthalene-d8	11.27	136	587825	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	337623	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.81	188	656833m	20.00	ng/ul	0.05
75) Chrysene-d12	21.89	240	536961	20.00	ng/ul	0.01
83) Perylene-d12	24.39	264	532835	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	16001	3.44	ng/uL	0.00
5) Phenol-d5	7.59	99	27167m	1.75	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.72	67	45846	5.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	6488	0.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.21	113	19060m	1.58	ng/ul	0.08
19) Nitrobenzene-d5	9.63	128	20697m	4.34	ng/ul	0.04
22) 2-Nitrophenol-d4	10.38	143	70690	14.29	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.91	165	5295m	0.60	ng/ul	0.05
29) 4-Chloroaniline-d4	11.37	131	269980	29.67	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	19174	0.72	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	18611	0.53	ng/ul	0.02
51) 4-Nitrophenol-d4	15.26	143	101593	20.51	ng/ul	0.04
57) Fluorene-d10	16.05	176	25857	1.14	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.18	200	64732m	17.21	ng/ul	0.05
70) Anthracene-d10	17.90	188	13345	0.42	ng/ul	0.04
76) Pyrene-d10	20.14	212	20794	0.70	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	6456	0.26	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.32	128	1232859	39.938	ng/ul#	95
34) 2-Methylnaphthalene	12.91	142	2427940	117.808	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	20464	2.974	ng/ul	95
39) 2,4,5-Trichlorophenol	13.60	196	30571	4.261	ng/ul	94
40) 1,1'-Biphenyl	13.89	154	297155	10.339	ng/ul#	93
49) Acenaphthene	15.12	153	206274	8.776	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.70	232	2322432	423.936	ng/ul#	78
58) Fluorene	16.10	166	317151	12.502	ng/ul#	88
68) Pentachlorophenol	17.52	266	13522031m	3623.186	ng/ul	
69) Phenanthrene	17.85	178	1561238m	41.259	ng/ul	
71) Anthracene	17.94	178	221002m	5.696	ng/ul	
74) Fluoranthene	19.81	202	1070233	28.462	ng/ul#	86
77) Pyrene	20.17	202	938353	23.926	ng/ul#	83
80) Benzo(a)anthracene	21.88	228	246406	6.887	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.75	149	605406	21.406	ng/ul	99
82) Chrysene	21.94	228	235763m	7.029	ng/ul	
84) Di-n-octyl phthalate	22.71	149	625961	13.957	ng/ul	100
85) Benzo(b)fluoranthene	23.63	252	218324	6.485	ng/ul#	78
86) Benzo(k)fluoranthene	23.67	252	64714m	1.991	ng/ul	
88) Benzo(a)pyrene	24.28	252	143629	4.533	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	26.95	276	77897	2.280	ng/ul#	80
91) Benzo(g,h,i)perylene	27.75	276	68150	2.400	ng/ul#	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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