Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000507.D
Acq On : 20 Mar 2018 23:36
Operator : JU/SJ
Sample : J1905-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM44

Manual Integrations APPROVED
Sohil
3/22/2018 6:48:10 PM

Quant Time: Mar 23 11:52:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 21 00:17:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	300501	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1041398	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	536168	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.90	188	918072m	20.00	ng/ul	0.14
75) Chrysene-d12	21.89	240	762163	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	788889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	52470	6.24	ng/uL	0.00
5) Phenol-d5	7.64	99	334688m	11.94	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	7.73	67	627696	38.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	718632	33.90	ng/ul	0.03
13) 4-Methylphenol-d8	9.18	113	532321	24.38	ng/ul	0.06
19) Nitrobenzene-d5	9.61	128	406103	48.01	ng/ul	0.02
22) 2-Nitrophenol-d4	10.34	143	370228	42.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.91	165	637406	40.58	ng/ul	0.04
29) 4-Chloroaniline-d4	11.42	131	5101	0.32	ng/ul	0.04
43) Dimethylphthalate-d6	14.45	166	1513223	35.72	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	1940009	34.72	ng/ul	0.01
51) 4-Nitrophenol-d4	15.24	143	35373	4.50	ng/ul	0.04
57) Fluorene-d10	16.05	176	1299317	36.00	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.18	200	557650m	106.06	ng/ul	0.05
70) Anthracene-d10	17.98	188	1598062m	36.21	ng/ul	0.12
76) Pyrene-d10	20.14	212	1533481	36.45	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.21	264	1396480	37.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.67	94	94158	3.29	ng/ul	96
21) Isophorone	10.19	82	3117622	78.33	ng/ul#	95
28) Naphthalene	11.32	128	1226623	22.43	ng/ul#	97
34) 2-Methylnaphthalene	12.90	142	1453261	39.80	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	238186	21.80	ng/ul	98
39) 2,4,5-Trichlorophenol	13.60	196	261058	22.91	ng/ul	98
40) 1,1'-Biphenyl	13.88	154	129405	2.84	ng/ul#	60
49) Acenaphthene	15.11	153	139224	3.73	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.74	232	14330167m	1647.17	ng/ul	
58) Fluorene	16.10	166	169329	4.20	ng/ul#	85
68) Pentachlorophenol	17.49	266	44324166m	8497.04	ng/ul	
69) Phenanthrene	17.93	178	853923m	16.15	ng/ul	
71) Anthracene	18.01	178	217770m	4.02	ng/ul	
72) Carbazole	18.22	167	388458m	8.35	ng/ul	
74) Fluoranthene	19.81	202	559746m	10.65	ng/ul	
77) Pyrene	20.16	202	485791	8.73	ng/ul#	71
80) Benzo(a)anthracene	21.87	228	73434	1.45	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.75	149	65099	1.62	ng/ul#	90
82) Chrysene	21.92	228	67359	1.41	ng/ul#	88

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

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