Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012128.D
Acq On : 13 Oct 2017 08:51
Operator : SJ/JU
Sample : I5568-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-29(0-1)-092917

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:03 PM

Quant Time: Oct 24 05:24:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	296115	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1143895	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.51	164	573334	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.26	188	1064346	20.00	ng/ul	0.03
75) Chrysene-d12	21.45	240	1501423	20.00	ng/ul	0.05
83) Perylene-d12	23.80	264	1557753m	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18496	2.97	ng/uL	0.01
5) Phenol-d5	7.03	99	410235	17.07	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	255120	17.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	368355	18.08	ng/ul	0.03
13) 4-Methylphenol-d8	8.57	113	355576	17.19	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	176111	20.17	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	157898	15.48	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	364009	18.69	ng/ul	0.04
29) 4-Chloroaniline-d4	10.80	131	252757	13.87	ng/ul	0.02
43) Dimethylphthalate-d6	13.91	166	1074733	21.21	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1268012	20.67	ng/ul	0.03
51) 4-Nitrophenol-d4	14.74	143	81192	10.66	ng/ul	0.06
57) Fluorene-d10	15.50	176	814848	19.59	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.66	200	268	0.04	ng/ul	0.05
70) Anthracene-d10	17.36	188	1134138	21.55	ng/ul	0.04
76) Pyrene-d10	19.66	212	1321469	17.34	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.65	264	1579497m	21.03	ng/ul	0.08
Target Compounds						Qvalue
6) Phenol	7.06	94	53974	2.17	ng/ul#	86
11) 2-Methylphenol	8.30	108	46564	2.49	ng/ul	100
28) Naphthalene	10.71	128	88602	1.50	ng/ul	98
49) Acenaphthene	14.57	153	189383	4.67	ng/ul	98
53) Dibenzofuran	14.90	168	94601	1.62	ng/ul	98
58) Fluorene	15.56	166	160207	3.30	ng/ul	96
69) Phenanthrene	17.30	178	2807880	46.37	ng/ul	98
71) Anthracene	17.39	178	924983	14.76	ng/ul	99
72) Carbazole	17.66	167	141850	2.67	ng/ul#	94
74) Fluoranthene	19.33	202	12145606	166.22	ng/ul#	88
77) Pyrene	19.69	202	11294931	113.91	ng/ul#	91
80) Benzo(a)anthracene	21.43	228	11108085	113.70	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.32	149	232452	3.51	ng/ul#	93
82) Chrysene	21.49	228	9590866m	104.56	ng/ul	
85) Benzo(b)fluoranthene	23.10	252	14545585m	143.09	ng/ul	
86) Benzo(k)fluoranthene	23.13	252	5464707m	55.78	ng/ul	
88) Benzo(a)pyrene	23.71	252	10166029m	106.10	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.24	276	6011238m	59.08	ng/ul	
90) Dibenzo(a,h)anthracene	26.22	278	1789788m	20.93	ng/ul	
91) Benzo(g,h,i)perylene	26.99	276	5076462m	60.92	ng/ul	

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

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