Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\

Quantitation Report (LSC Reviewed)

Data File : BM012308.D
Acq On : 19 Oct 2017 08:37
Operator : SJ/JU
Sample : I5783-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-28(1.5-2.75)-100917

Manual Integrations APPROVED
Sohil
10/23/2017 3:50:14 PM

Quant Time: Oct 19 15:56:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	275085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1016074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	529937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1098766	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1329933	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1488734	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	12500	2.16	ng/uL	0.00
5) Phenol-d5	6.97	99	173999	7.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	143003	10.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	172292	9.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	145436	7.57	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	79247	10.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	80522	8.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	147485	8.53	ng/ul	0.01
29) 4-Chloroaniline-d4	10.74	131	114443	7.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	492755	10.52	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	583564	10.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	14304m	2.03	ng/ul	0.07
57) Fluorene-d10	15.43	176	388155	10.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	537	0.07	ng/ul	0.00
70) Anthracene-d10	17.29	188	572757	10.54	ng/ul	0.00
76) Pyrene-d10	19.59	212	645778	9.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	719964	10.03	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.99	94	50275	2.179	ng/ul#	87
28) Naphthalene	10.63	128	63614	1.210	ng/ul#	76
34) 2-Methylnaphthalene	12.25	142	85260	2.149	ng/ul	92
44) Dimethylphthalate	13.89	163	250675	5.342	ng/ul	99
47) Acenaphthylene	14.16	152	204307	3.670	ng/ul#	94
49) Acenaphthene	14.50	153	142251	3.793	ng/ul	98
53) Dibenzofuran	14.84	168	120563	2.233	ng/ul	90
58) Fluorene	15.49	166	253991	5.664	ng/ul	99
69) Phenanthrene	17.23	178	3746542	59.939	ng/ul	99
71) Anthracene	17.32	178	807469	12.478	ng/ul	99
72) Carbazole	17.60	167	119413	2.180	ng/ul	93
74) Fluoranthene	19.25	202	5311052	70.408	ng/ul#	94
77) Pyrene	19.62	202	5216744	59.396	ng/ul#	93
80) Benzo(a)anthracene	21.36	228	2957038	34.170	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	186414	3.177	ng/ul	99
82) Chrysene	21.41	228	2895091	35.633	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	3362372	34.609	ng/ul#	96
86) Benzo(k)fluoranthene	23.02	252	949712m	10.144	ng/ul	
88) Benzo(a)pyrene	23.58	252	2269437	24.784	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.03	276	1492063	15.344	ng/ul	99
90) Dibenzo(a,h)anthracene	26.03	278	446493	5.462	ng/ul#	87
91) Benzo(g,h,i)perylene	26.76	276	1232862	15.480	ng/ul#	93

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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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