Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010677.D
Acq On : 23 Jun 2017 01:32
Operator : SJ/JU
Sample : I3653-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 23 13:22:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5B21

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	85704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	370551	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.12	164	254923	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	600751	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	693880	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	551704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	727	0.49	ng/uL	0.00
5) Phenol-d5	6.65	99	20538	2.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	11837	2.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	15653	2.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	16954	2.50	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	9550	3.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	10604	3.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	18802	2.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	48361m	7.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	73494	3.28	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	85394	3.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	10678	2.71	ng/ul	0.00
57) Fluorene-d10	15.12	176	68634	3.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	8328	2.26	ng/ul	0.02
70) Anthracene-d10	16.97	188	103337	3.56	ng/ul	0.00
76) Pyrene-d10	19.28	212	121676	3.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	92828	3.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	12336	1.467	ng/ul#	85
11) 2-Methylphenol	7.90	108	11177	1.744	ng/ul	99
16) 4-Methylphenol	8.23	108	31019	4.399	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	51898m	6.316	ng/ul	
28) Naphthalene	10.30	128	17192183	932.317	ng/ul#	93
34) 2-Methylnaphthalene	11.91	142	3469264	234.041	ng/ul	98
40) 1,1'-Biphenyl	12.94	154	765196	38.394	ng/ul	97
44) Dimethylphthalate	13.58	163	30702	1.400	ng/ul#	96
47) Acenaphthylene	13.83	152	112781	4.549	ng/ul#	93
49) Acenaphthene	14.19	153	2541536	151.968	ng/ul	98
53) Dibenzofuran	14.52	168	2796478	110.413	ng/ul	91
58) Fluorene	15.18	166	2810663	132.545	ng/ul	98
69) Phenanthrene	16.93	178	13067620	409.154	ng/ul	94
71) Anthracene	17.01	178	2088336	63.468	ng/ul	99
72) Carbazole	17.28	167	1022947	35.634	ng/ul	98
74) Fluoranthene	18.96	202	8128314	197.478	ng/ul#	94
77) Pyrene	19.32	202	5233393	130.578	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	1770765	43.823	ng/ul	98
82) Chrysene	21.12	228	1269244	35.230	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	885053	24.713	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	369889m	10.895	ng/ul	
88) Benzo(a)pyrene	23.13	252	536392	16.269	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	153803	4.498	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.33	278	47770	1.676	ng/ul#	95
91) Benzo(g,h,i)perylene	25.98	276	92135	3.385	ng/ul	99

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

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