Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028450.D
Acq On : 23 Aug 2017 14:45
Operator : SJ/JU
Sample : I4827-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB1

Manual Integrations APPROVED
Sohil
8/24/2017 4:38:32 PM

Quant Time: Aug 24 04:19:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43577	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	187304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	121202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	271069m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	324621	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	311802	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	2511	2.68	ng/uL	0.00
5) Phenol-d5	7.50	99	60078	12.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	41349	13.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	47961	15.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	46867	11.72	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	25716	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	30201	18.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	55238	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	31576	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	189486	17.58	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	214090	17.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	19979	11.66	ng/ul	0.01
57) Fluorene-d10	15.94	176	161332	16.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	13155	7.47	ng/ul	0.00
70) Anthracene-d10	17.80	188	255456	19.65	ng/ul	0.00
76) Pyrene-d10	20.08	212	289521	17.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	288819	19.79	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	11.21	128	14933	1.610	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	16746	2.247	ng/ul	97
44) Dimethylphthalate	14.39	163	51282	5.167	ng/ul	99
49) Acenaphthene	15.02	153	8973	1.145	ng/ul	95
58) Fluorene	16.00	166	11349	1.122	ng/ul#	81
69) Phenanthrene	17.75	178	242757m	17.795	ng/ul	
71) Anthracene	17.84	178	30627	2.197	ng/ul	96
72) Carbazole	18.11	167	16382m	1.351	ng/ul	
74) Fluoranthene	19.75	202	398668	24.047	ng/ul	98
77) Pyrene	20.11	202	418846	21.627	ng/ul	99
80) Benzo(a)anthracene	22.02	228	224807	11.986	ng/ul	97
82) Chrysene	22.09	228	267605	15.842	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	257508m	13.801	ng/ul	
86) Benzo(k)fluoranthene	24.48	252	128497m	7.050	ng/ul	
88) Benzo(a)pyrene	25.39	252	200251	11.085	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	98866	4.673	ng/ul	94
90) Dibenzo(a,h)anthracene	29.65	278	28843m	1.627	ng/ul	
91) Benzo(g,h,i)perylene	30.87	276	91028	5.230	ng/ul#	86

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

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