Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028447.D
Acq On : 23 Aug 2017 12:47
Operator : SJ/JU
Sample : I4827-05DL 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB4DL

Manual Integrations APPROVED
Sohil
8/24/2017 4:38:25 PM

Quant Time: Aug 24 13:34:25 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	41046	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	185727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	130784	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	279690m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	322990	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	315114	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	62	0.07	ng/uL	0.00
5) Phenol-d5	7.51	99	3212	0.71	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.67	67	1843	0.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	2929	1.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	2664	0.71	ng/ul	0.01
19) Nitrobenzene-d5	9.52	128	1306	0.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	1129	0.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	3433	1.04	ng/ul	0.01
29) 4-Chloroaniline-d4	11.30	131	2787	0.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	10900	0.94	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	12555	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.19	143	226	0.12	ng/ul	0.04
57) Fluorene-d10	15.94	176	10397	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	76	0.04	ng/ul	0.02
70) Anthracene-d10	17.81	188	15346	1.14	ng/ul	0.00
76) Pyrene-d10	20.08	212	17925	1.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	16828	1.14	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.21	128	56915	6.187	ng/ul	99
34) 2-Methylnaphthalene	12.80	142	29488	3.991	ng/ul	94
40) 1,1'-Biphenyl	13.79	154	11967	1.253	ng/ul	93
47) Acenaphthylene	14.68	152	20464	1.633	ng/ul#	90
49) Acenaphthene	15.02	153	70466	8.333	ng/ul	94
53) Dibenzofuran	15.34	168	94096	7.632	ng/ul	96
58) Fluorene	16.00	166	136314	12.488	ng/ul	99
69) Phenanthrene	17.75	178	1483221m	105.376	ng/ul	
71) Anthracene	17.84	178	322858	22.443	ng/ul	97
72) Carbazole	18.11	167	94505	7.554	ng/ul	96
74) Fluoranthene	19.75	202	1625335	95.015	ng/ul	99
77) Pyrene	20.11	202	1437254	74.586	ng/ul	98
80) Benzo(a)anthracene	22.02	228	715170	38.322	ng/ul	99
82) Chrysene	22.09	228	616743	36.695	ng/ul	99
85) Benzo(b)fluoranthene	24.43	252	704600	37.366	ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	260677m	14.152	ng/ul	
88) Benzo(a)pyrene	25.38	252	568834	31.156	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.57	276	282059	13.192	ng/ul	96
90) Dibenzo(a,h)anthracene	29.62	278	72907	4.068	ng/ul	98
91) Benzo(g,h,i)perylene	30.84	276	233779	13.291	ng/ul	94

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

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