Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016190.D
Acq On : 28 Mar 2015 00:06
Operator : TP/IZ
Sample : G1647-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Manual Integrations APPROVED
apatel
3/30/2015 4:29:35 PM

Quant Time: Mar 28 06:51:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	60859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	268308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	155303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	306873	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	314556	20.00	ng/ul	0.01
83) Perylene-d12	23.62	264	326825	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	148107	27.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	77827	25.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	115336	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	113848	27.70	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	61742	28.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	64779	31.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	104094	27.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	138350	26.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	289582	28.60	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	388767	27.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	57349	23.72	ng/ul	0.00
57) Fluorene-d10	15.41	176	266715	26.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	22886	14.27	ng/ul	0.00
70) Anthracene-d10	17.26	188	377668	26.94	ng/ul	0.00
76) Pyrene-d10	19.55	212	371747	26.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	337843	23.70	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.62	128	27180	1.88	ng/ul	99
44) Dimethylphthalate	13.87	163	97016	8.44	ng/ul	99
47) Acenaphthylene	14.14	152	118694	7.51	ng/ul	99
49) Acenaphthene	14.48	153	223950	21.17	ng/ul	98
53) Dibenzofuran	14.81	168	240016	16.80	ng/ul	99
58) Fluorene	15.46	166	312063	25.01	ng/ul	99
69) Phenanthrene	17.21	178	2632979	150.94	ng/ul#	74
71) Anthracene	17.29	178	1055849	59.62	ng/ul	97
72) Carbazole	17.56	167	86865	5.10	ng/ul	97
74) Fluoranthene	19.23	202	3455974m	175.23	ng/ul	
77) Pyrene	19.59	202	3023910	156.23	ng/ul#	76
80) Benzo(a)anthracene	21.32	228	2081551	116.80	ng/ul#	80
82) Chrysene	21.37	228	1743378	102.82	ng/ul#	84
85) Benzo(b)fluoranthene	22.94	252	2191716	116.83	ng/ul#	92
86) Benzo(k)fluoranthene	22.98	252	914441m	49.36	ng/ul	
88) Benzo(a)pyrene	23.54	252	1698976	90.89	ng/ul	92
89) Indeno(1,2,3-cd)pyrene	25.98	276	1051359	48.61	ng/ul	94
90) Dibenzo(a,h)anthracene	25.98	278	310000	17.10	ng/ul#	75
91) Benzo(g,h,i)perylene	26.70	276	752812	41.43	ng/ul	97

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

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