Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025138.D
Acq On : 13 Dec 2016 6:36
Operator : UM/SJ
Sample : H5990-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS017-0612-03

Manual Integrations APPROVED
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12/13/2016 6:07:56 PM

Quant Time: Dec 13 07:15:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	136518	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	589901	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	423586	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	747409	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	949679	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	926585	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	11363	4.30	ng/uL	0.00
5) Phenol-d5	7.40	99	280167	23.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	191301	26.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	199027	24.17	ng/ul	0.02
13) 4-Methylphenol-d8	8.95	113	233867	23.76	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	109210	26.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	134673	25.86	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.69	165	244491	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	162555	16.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	784202	26.91	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	851217	26.67	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	110477	22.06	ng/ul	0.03
57) Fluorene-d10	15.86	176	658890	24.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	118198	25.58	ng/ul	0.02
70) Anthracene-d10	17.71	188	871290	27.62	ng/ul	0.02
76) Pyrene-d10	19.99	212	1018470	26.04	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.12	264	1008912	26.87	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.43	94	46279	3.83	ng/ul	98
44) Dimethylphthalate	14.31	163	105420	3.68	ng/ul#	95
49) Acenaphthene	14.93	153	62541	2.94	ng/ul	94
53) Dibenzofuran	15.26	168	38050	1.13	ng/ul	89
58) Fluorene	15.91	166	63118	2.31	ng/ul	98
69) Phenanthrene	17.66	178	1144624	32.09	ng/ul	98
71) Anthracene	17.75	178	309844	8.45	ng/ul	97
72) Carbazole	18.01	167	33413	1.09	ng/ul#	89
74) Fluoranthene	19.65	202	1977883	46.66	ng/ul	99
77) Pyrene	20.02	202	1590782	34.85	ng/ul	98
80) Benzo(a)anthracene	21.89	228	1124953	22.80	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	29644	1.20	ng/ul#	64
82) Chrysene	21.96	228	948621	20.55	ng/ul	95
85) Benzo(b)fluoranthene	24.25	252	1138065	24.77	ng/ul#	91
86) Benzo(k)fluoranthene	24.31	252	398044m	9.11	ng/ul	
88) Benzo(a)pyrene	25.19	252	681394	15.42	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.30	276	419924m	7.65	ng/ul	
90) Dibenzo(a,h)anthracene	29.35	278	57548	1.24	ng/ul#	85
91) Benzo(g,h,i)perylene	30.55	276	291005m	6.35	ng/ul	

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

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