Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025033.D
Acq On : 9 Dec 2016 10:39
Operator : UM/SJ
Sample : H5863-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7X2

Manual Integrations APPROVED
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12/12/2016 4:28:02 PM

Quant Time: Dec 12 13:40:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:23:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	58670	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	263555	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	229505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	536172	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	655310	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	666468	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	5763	5.07	ng/uL	0.00
5) Phenol-d5	7.38	99	132391	26.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	79368	25.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	97126	27.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118912	28.11	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	50359	26.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	62789	26.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124044	27.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	120393	27.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	506027	32.05	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	537001	31.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	88903	32.77	ng/ul	0.00
57) Fluorene-d10	15.85	176	470312	31.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	107463	32.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	827020	36.54	ng/ul	0.00
76) Pyrene-d10	19.98	212	1018520	37.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1101617	40.79	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.38	77	131354	34.47	ng/ul	97
10) 2-Chlorophenol	7.80	128	17107	4.81	ng/ul#	93
23) 2-Nitrophenol	10.18	139	84712	35.89	ng/ul#	79
28) Naphthalene	11.12	128	87520	7.14	ng/ul	99
31) Hexachlorobutadiene	11.39	225	67278	18.01	ng/ul	93
33) 4-Chloro-3-methylphenol	12.32	107	96418	18.01	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	50160	7.25	ng/ul#	87
38) 2,4,6-Trichlorophenol	13.30	196	80251	18.47	ng/ul	86
40) 1,1'-Biphenyl	13.70	154	319360	22.95	ng/ul	94
44) Dimethylphthalate	14.30	163	445777	28.73	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	55161	16.55	ng/ul	96
52) 4-Nitrophenol	15.07	109	140031	42.91	ng/ul	94
53) Dibenzofuran	15.26	168	196289	10.78	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.98	198	76975	22.42	ng/ul	92
66) Hexachlorobenzene	16.90	284	67210	9.86	ng/ul#	92
68) Pentachlorophenol	17.25	266	78086	19.07	ng/ul#	88
69) Phenanthrene	17.65	178	720162	28.14	ng/ul	99
71) Anthracene	17.74	178	308354	11.72	ng/ul	96
73) Di-n-butylphthalate	18.53	149	485701	17.53	ng/ul	99
74) Fluoranthene	19.64	202	756232	24.87	ng/ul	97
77) Pyrene	20.01	202	762029	24.19	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	423837	24.97	ng/ul	98
82) Chrysene	21.95	228	672840	21.13	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	25.15	252	632059	19.89	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.23	276	855857m	21.67	ng/ul	
90) Dibenzo(a,h)anthracene	29.28	278	457559m	13.75	ng/ul	

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

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