Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
Data File : BG017826.D
Acq On : 13 Jul 2015 16:25
Operator : TP/UM
Sample : G2928-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X1Y22

Quant Time: Jul 14 01:36:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 01:25:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	59167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	257601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	149900	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	301527	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	310144	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	298391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	7441	5.07	ng/uL	0.00
5) Phenol-d5	6.76	99	137844	24.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	85137	25.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	109726	24.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108270	22.89	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	55665	25.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	50940	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	90495	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	107429	20.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	336056	29.47	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	408574	29.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	63707	26.21	ng/ul	0.00
57) Fluorene-d10	15.24	176	325456	32.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	30976	17.01	ng/ul	0.00
70) Anthracene-d10	17.10	188	540321	38.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	618767	41.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	587251	39.45	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.73	77	118607	34.62	ng/ul	98
10) 2-Chlorophenol	7.15	128	17946	3.96	ng/ul	96
16) 4-Methylphenol	8.35	108	10104	1.94	ng/ul	97
23) 2-Nitrophenol	9.49	139	65490	27.68	ng/ul	94
28) Naphthalene	10.42	128	86381	6.40	ng/ul	100
31) Hexachlorobutadiene	10.71	225	30963	15.26	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	62232	12.91	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	25705	6.64	ng/ul	92
38) 2,4,6-Trichlorophenol	12.66	196	35987	13.42	ng/ul#	96
40) 1,1'-Biphenyl	13.07	154	234036	20.30	ng/ul	98
44) Dimethylphthalate	13.71	163	322334	27.53	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	32521	13.34	ng/ul	98
52) 4-Nitrophenol	14.47	109	64508	32.88	ng/ul	94
53) Dibenzofuran	14.64	168	122195	8.98	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.38	198	22917	11.85	ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	15812	1.68	ng/ul	92
66) Hexachlorobenzene	16.30	284	27909	8.63	ng/ul	91
68) Pentachlorophenol	16.65	266	31377	15.63	ng/ul	92
69) Phenanthrene	17.04	178	456752	27.08	ng/ul	98
71) Anthracene	17.13	178	197844	11.42	ng/ul	98
75) Di-n-butylphthalate	17.98	149	383723	18.22	ng/ul	99
76) Fluoranthene	19.07	202	431573	24.99	ng/ul	99
79) Pyrene	19.43	202	471503	24.42	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.13	149	333150	26.80	ng/ul	95
84) Chrysene	21.24	228	335567	20.42	ng/ul	96
90) Benzo(a)pyrene	23.32	252	310889	18.74	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	365297	19.58	ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	193896	12.12	ng/ul	99

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

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