Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
Data File : BG027635.D
Acq On : 23 Jun 2017 17:52
Operator : SJ/JU
Sample : PB100074BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100074BS

Manual Integrations APPROVED
mohammad
6/28/2017 1:15:18 PM

Quant Time: Jun 24 02:09:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	20099	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	92941	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	61880	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	166985	20.00	ng		0.00
75) Chrysene-d12	22.21	240	193426	20.00	ng		0.00
86) Perylene-d12	25.84	264	178756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	181042	128.20	ng		0.00
7) Phenol-d6	7.65	99	248806	119.01	ng		0.00
23) Nitrobenzene-d5	9.67	82	159400	81.15	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	138468	150.10	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	378711	83.60	ng		0.00
78) Terphenyl-d14	20.42	244	713668	86.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	17382	31.70	ng		94
3) Pyridine	4.47	79	54641	30.78	ng	#	81
4) n-Nitrosodimethylamine	4.38	42	32431	40.04	ng		84
6) Aniline	7.83	93	75747	29.69	ng		97
8) 2-Chlorophenol	8.07	128	65986	44.16	ng		88
9) Benzaldehyde	7.65	77	39504	27.81	ng		90
10) Phenol	7.67	94	89682	42.11	ng		94
11) bis(2-Chloroethyl)ether	7.91	93	59907	35.94	ng		92
12) 1,3-Dichlorobenzene	8.39	146	61846	39.21	ng		95
13) 1,4-Dichlorobenzene	8.54	146	63787	40.05	ng		95
14) 1,2-Dichlorobenzene	8.86	146	61602	39.37	ng		97
15) Benzyl Alcohol	8.73	79	70239	42.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.01	45	84803	30.66	ng		88
17) 2-Methylphenol	8.92	107	60219	40.18	ng		95
18) Hexachloroethane	9.59	117	25298	40.51	ng		88
19) n-Nitroso-di-n-propylamine	9.29	70	57272	34.49	ng	#	87
20) 3+4-Methylphenols	9.25	107	81207	39.58	ng		93
22) Acetophenone	9.32	105	103525	40.62	ng	#	88
24) Nitrobenzene	9.72	77	84917	39.44	ng	#	89
25) Isophorone	10.23	82	153697	38.09	ng		99
26) 2-Nitrophenol	10.42	139	34204	42.95	ng		98
27) 2,4-Dimethylphenol	10.46	122	68931	45.83	ng		98
28) bis(2-Chloroethoxy)methane	10.70	93	87045	38.27	ng		97
29) 2,4-Dichlorophenol	10.96	162	65066	50.09	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	66049	44.47	ng		95
31) Naphthalene	11.37	128	203177	40.45	ng		99
32) Benzoic acid	10.58	122	44146	42.32	ng	#	86
33) 4-Chloroaniline	11.48	127	24925	11.70	ng		93
34) Hexachlorobutadiene	11.64	225	41075	45.77	ng		96
35) Caprolactam	12.25	113	26907m	44.44	ng		
36) 4-Chloro-3-methylphenol	12.55	107	92737	46.55	ng		98
37) 2-Methylnaphthalene	12.94	142	156598	42.90	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	83910	43.24	ng		97
40) Hexachlorocyclopentadiene	13.28	237	118218	113.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	59253	47.25	ng		97
43) 2,4,5-Trichlorophenol	13.60	196	66649	45.23	ng		96
45) 1,1'-Biphenyl	13.92	154	211366	40.96	ng		97
46) 2-Chloronaphthalene	13.98	162	156773	40.85	ng		95
47) 2-Nitroaniline	14.17	65	69763	40.50	ng		90
48) Acenaphthylene	14.82	152	263877	39.24	ng		97
49) Dimethylphthalate	14.53	163	235443	43.45	ng		97
50) 2,6-Dinitrotoluene	14.65	165	53028	45.10	ng		89
51) Acenaphthene	15.15	154	178732	38.15	ng		98
52) 3-Nitroaniline	14.99	138	28922	23.31	ng		93
53) 2,4-Dinitrophenol	15.19	184	66031	99.37	ng	#	80
54) Dibenzofuran	15.49	168	266179	43.62	ng		99
55) 4-Nitrophenol	15.28	139	91305	87.88	ng	#	80
56) 2,4-Dinitrotoluene	15.44	165	77957	46.76	ng	#	97
57) Fluorene	16.13	166	236889	40.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.70	232	69106	53.26	ng		93
59) Diethylphthalate	15.88	149	262400	44.38	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	121987	42.89	ng		97
61) 4-Nitroaniline	16.15	138	59978	44.05	ng		88
62) Azobenzene	16.40	77	258303	42.61	ng		96
64) 4,6-Dinitro-2-methylphenol	16.20	198	45846	43.23	ng		74
65) n-Nitrosodiphenylamine	16.33	169	209954	41.01	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	81660	44.46	ng	#	88
67) Hexachlorobenzene	17.14	284	88283	44.98	ng		95
68) Atrazine	17.27	200	84279	44.94	ng		97
69) Pentachlorophenol	17.48	266	115853	95.03	ng		97
70) Phenanthrene	17.88	178	398640	41.96	ng		94
71) Anthracene	17.97	178	403160	42.15	ng		96
72) Carbazole	18.24	167	352700	37.85	ng		95
73) Di-n-butylphthalate	18.76	149	446851	42.80	ng	#	95
74) Fluoranthene	19.87	202	474273	42.85	ng		95
76) Benzidine	20.04	184	214188	45.12	ng		98
77) Pyrene	20.23	202	486572	41.38	ng		95
79) Butylbenzylphthalate	21.11	149	207263	42.23	ng		94
80) Benzo(a)anthracene	22.18	228	487355	41.99	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	101508	24.19	ng		99
82) Chrysene	22.26	228	452126	41.11	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	298337	41.47	ng		99
84) Di-n-octyl phthalate	23.39	149	508309	42.48	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.03	276	562361	44.87	ng	#	93
87) Benzo(b)fluoranthene	24.68	252	488419	42.74	ng	#	97
88) Benzo(k)fluoranthene	24.76	252	474870	42.47	ng	#	96
89) Benzo(a)pyrene	25.67	252	467132	43.31	ng	#	95
90) Dibenzo(a,h)anthracene	30.10	278	471817	42.95	ng	#	97
91) Benzo(g,h,i)perylene	31.35	276	454414	42.58	ng	#	95

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

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