Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027836.D
Acq On : 3 Jul 2017 17:34
Operator : SJ/JU
Sample : I4007-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP2-MH2094-COMPMS

Quant Time: Jul 05 00:43:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	27033	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	127446	20.00	ng		-0.02
38) Acenaphthene-d10	15.05	164	85061	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	221393	20.00	ng		-0.03
75) Chrysene-d12	22.15	240	236959	20.00	ng		-0.03
86) Perylene-d12	25.73	264	24645	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.04	112	229987	131.01	ng		-0.02
7) Phenol-d6	7.60	99	301120	112.28	ng		-0.01
23) Nitrobenzene-d5	9.62	82	211686	92.58	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	240330	205.99	ng		-0.02
44) 2-Fluorobiphenyl	13.67	172	583883	98.03	ng		-0.02
78) Terphenyl-d14	20.37	244	1124381	111.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.02	88	20746	31.741	ng	#	82
4) n-Nitrosodimethylamine	4.31	42	40786	41.327	ng		92
8) 2-Chlorophenol	8.02	128	95787	48.829	ng		87
9) Benzaldehyde	7.60	77	28727	18.001	ng		82
10) Phenol	7.62	94	105269	39.674	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	75731	37.575	ng		96
12) 1,3-Dichlorobenzene	8.35	146	85219	40.841	ng	#	91
13) 1,4-Dichlorobenzene	8.49	146	90183	41.711	ng		93
14) 1,2-Dichlorobenzene	8.81	146	88494	42.214	ng		91
15) Benzyl Alcohol	8.69	79	13677	7.372	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.96	45	160317	37.293	ng		99
17) 2-Methylphenol	8.88	107	84030	44.764	ng	#	86
18) Hexachloroethane	9.54	117	28924	38.032	ng		87
19) n-Nitroso-di-n-propylamine	9.25	70	77482	39.712	ng	#	95
20) 3+4-Methylphenols	9.21	107	111849	41.318	ng		89
22) Acetophenone	9.28	105	143037	46.510	ng	#	89
24) Nitrobenzene	9.66	77	105339	44.068	ng	#	83
25) Isophorone	10.18	82	223626	44.871	ng	#	93
26) 2-Nitrophenol	10.37	139	51760	47.938	ng	#	85
27) 2,4-Dimethylphenol	10.42	122	105245	52.042	ng		92
28) bis(2-Chloroethoxy)methane	10.65	93	81573	28.870	ng		95
29) 2,4-Dichlorophenol	10.91	162	100913	56.940	ng		97
30) 1,2,4-Trichlorobenzene	11.13	180	87905	48.633	ng		93
31) Naphthalene	11.32	128	315899	46.610	ng		98
32) Benzoic acid	10.52	122	26860	26.581	ng		92
34) Hexachlorobutadiene	11.59	225	53886	53.504	ng		96
35) Caprolactam	12.24	113	30835m	34.592	ng		
36) 4-Chloro-3-methylphenol	12.51	107	115142	46.171	ng	#	89
37) 2-Methylnaphthalene	12.89	142	244926	48.519	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	115436	51.644	ng		98
40) Hexachlorocyclopentadiene	13.23	237	143321	135.995	ng		95
42) 2,4,6-Trichlorophenol	13.48	196	91267	56.534	ng		96
43) 2,4,5-Trichlorophenol	13.57	196	99541	54.417	ng		93
45) 1,1'-Biphenyl	13.88	154	331215	48.580	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.93	162	253889	49.295	ng		98
47) 2-Nitroaniline	14.13	65	70939	34.410	ng	#	86
48) Acenaphthylene	14.77	152	385949	41.010	ng		99
49) Dimethylphthalate	14.49	163	390635	53.834	ng		98
50) 2,6-Dinitrotoluene	14.61	165	82953	52.589	ng	#	80
51) Acenaphthene	15.11	154	268568	44.525	ng		97
52) 3-Nitroaniline	14.97	138	23357	12.587	ng	#	84
53) 2,4-Dinitrophenol	15.15	184	110173	122.200	ng		96
54) Dibenzofuran	15.44	168	433466	54.347	ng		98
55) 4-Nitrophenol	15.25	139	114114	80.556	ng	#	62
56) 2,4-Dinitrotoluene	15.40	165	123925	56.326	ng	#	85
57) Fluorene	16.09	166	381895	49.383	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	92901	58.915	ng		94
59) Diethylphthalate	15.83	149	427802	53.243	ng		96
60) 4-Chlorophenyl-phenylether	16.07	204	186667	54.527	ng		95
61) 4-Nitroaniline	16.11	138	31002	16.036	ng	#	62
62) Azobenzene	16.36	77	324599	45.975	ng		94
64) 4,6-Dinitro-2-methylphenol	16.16	198	72145	51.702	ng		85
65) n-Nitrosodiphenylamine	16.29	169	20551	2.854	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	131093	56.614	ng		93
67) Hexachlorobenzene	17.10	284	140112	57.136	ng		92
69) Pentachlorophenol	17.44	266	163746	102.690	ng		95
70) Phenanthrene	17.84	178	643134	50.319	ng		94
71) Anthracene	17.93	178	632132	48.978	ng		98
72) Carbazole	18.19	167	38937	3.063	ng		98
73) Di-n-butylphthalate	18.72	149	733293	52.498	ng	#	93
74) Fluoranthene	19.83	202	727168	52.058	ng		96
77) Pyrene	20.19	202	655634	44.089	ng		95
79) Butylbenzylphthalate	21.06	149	318475	47.551	ng		85
80) Benzo(a)anthracene	22.13	228	687372	47.980	ng		94
82) Chrysene	22.20	228	657309	48.949	ng		95
83) Bis(2-ethylhexyl)phthalate	21.98	149	458290	46.824	ng		96
84) Di-n-octyl phthalate	23.31	149	774343	47.888	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.85	276	396824	25.856	ng	#	73
87) Benzo(b)fluoranthene	24.59	252	686322	432.255	ng	#	97
88) Benzo(k)fluoranthene	24.66	252	594119	378.547	ng	#	93
89) Benzo(a)pyrene	25.56	252	288147	193.404	ng	#	96
90) Dibenzo(a,h)anthracene	29.93	278	599095	396.926	ng	#	97
91) Benzo(g,h,i)perylene	31.16	276	279308	192.556	ng	#	92

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

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