Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027837.D
Acq On : 3 Jul 2017 18:14
Operator : SJ/JU
Sample : I4007-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP2-MH2094-COMPMSD

Quant Time: Jul 05 00:48:55 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	28633	20.00	ng		-0.02
21) Naphthalene-d8	11.27	136	135013	20.00	ng		-0.02
38) Acenaphthene-d10	15.05	164	87426	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	229350	20.00	ng		-0.02
75) Chrysene-d12	22.15	240	246858	20.00	ng		-0.02
86) Perylene-d12	25.73	264	31844	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	243143	130.76	ng		-0.02
7) Phenol-d6	7.60	99	323097	113.74	ng		-0.01
23) Nitrobenzene-d5	9.62	82	221246	91.34	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	250356	208.78	ng		-0.02
44) 2-Fluorobiphenyl	13.67	172	608931	99.47	ng		-0.02
78) Terphenyl-d14	20.37	244	1153772	109.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.02	88	21359	30.853	ng	#	85
4) n-Nitrosodimethylamine	4.31	42	41173	39.388	ng		90
8) 2-Chlorophenol	8.02	128	101777	48.984	ng		89
9) Benzaldehyde	7.60	77	29143	17.242	ng		79
10) Phenol	7.63	94	113230	40.290	ng		84
11) bis(2-Chloroethyl)ether	7.86	93	82861	38.816	ng		93
12) 1,3-Dichlorobenzene	8.35	146	90430	40.917	ng	#	89
13) 1,4-Dichlorobenzene	8.49	146	94121	41.100	ng		96
14) 1,2-Dichlorobenzene	8.81	146	92009	41.438	ng		91
15) Benzyl Alcohol	8.69	79	16157	8.222	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.96	45	169036	37.124	ng		99
17) 2-Methylphenol	8.88	107	89227	44.876	ng	#	87
18) Hexachloroethane	9.54	117	30946	38.417	ng		88
19) n-Nitroso-di-n-propylamine	9.25	70	81273	39.327	ng	#	94
20) 3+4-Methylphenols	9.21	107	119917	41.823	ng		88
22) Acetophenone	9.27	105	150897	46.316	ng	#	89
24) Nitrobenzene	9.66	77	114282	45.130	ng	#	84
25) Isophorone	10.18	82	236110	44.721	ng	#	94
26) 2-Nitrophenol	10.37	139	56827	49.682	ng	#	80
27) 2,4-Dimethylphenol	10.42	122	110880	51.756	ng		95
28) bis(2-Chloroethoxy)methane	10.65	93	92513	30.907	ng	#	98
29) 2,4-Dichlorophenol	10.91	162	108094	57.573	ng		97
30) 1,2,4-Trichlorobenzene	11.13	180	92893	48.513	ng		99
31) Naphthalene	11.32	128	333874	46.501	ng		98
32) Benzoic acid	10.52	122	30253	27.700	ng		93
34) Hexachlorobutadiene	11.59	225	56588	53.038	ng		100
35) Caprolactam	12.24	113	34618m	36.659	ng		
36) 4-Chloro-3-methylphenol	12.51	107	121762	46.089	ng		92
37) 2-Methylnaphthalene	12.89	142	258121	48.267	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	120043	52.252	ng		98
40) Hexachlorocyclopentadiene	13.23	237	148810	137.383	ng		95
42) 2,4,6-Trichlorophenol	13.48	196	93214	56.178	ng		96
43) 2,4,5-Trichlorophenol	13.57	196	105223	55.967	ng		95
45) 1,1'-Biphenyl	13.88	154	347550	49.597	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.93	162	258627	48.857	ng		99
47) 2-Nitroaniline	14.13	65	79297	37.424	ng	#	86
48) Acenaphthylene	14.77	152	414786	42.881	ng		98
49) Dimethylphthalate	14.49	163	403774	54.139	ng		97
50) 2,6-Dinitrotoluene	14.61	165	85773	52.905	ng		82
51) Acenaphthene	15.11	154	283076	45.660	ng		99
52) 3-Nitroaniline	14.96	138	21705	11.380	ng	#	78
53) 2,4-Dinitrophenol	15.15	184	116968	125.945	ng		94
54) Dibenzofuran	15.44	168	445942	54.399	ng		98
55) 4-Nitrophenol	15.25	139	124460	85.483	ng	#	65
56) 2,4-Dinitrotoluene	15.40	165	128067	56.634	ng	#	85
57) Fluorene	16.09	166	394240	49.601	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	99386	61.323	ng		95
59) Diethylphthalate	15.83	149	443361	53.687	ng		95
60) 4-Chlorophenyl-phenylether	16.07	204	190396	54.112	ng		96
61) 4-Nitroaniline	16.11	138	33137	16.676	ng	#	63
62) Azobenzene	16.36	77	335407	46.220	ng		93
64) 4,6-Dinitro-2-methylphenol	16.16	198	77056	53.119	ng		84
65) n-Nitrosodiphenylamine	16.28	169	28265	3.788	ng		95
66) 4-Bromophenyl-phenylether	16.97	248	133856	55.802	ng		95
67) Hexachlorobenzene	17.10	284	143725	56.576	ng		91
69) Pentachlorophenol	17.44	266	169554	102.646	ng		97
70) Phenanthrene	17.84	178	665467	50.260	ng		94
71) Anthracene	17.92	178	656211	49.080	ng		98
72) Carbazole	18.20	167	51410	3.904	ng		93
73) Di-n-butylphthalate	18.72	149	759868	52.513	ng	#	93
74) Fluoranthene	19.83	202	754762	52.159	ng		95
77) Pyrene	20.19	202	697534	45.025	ng		96
79) Butylbenzylphthalate	21.06	149	329352	47.203	ng		87
80) Benzo(a)anthracene	22.13	228	711476	47.671	ng		95
82) Chrysene	22.20	228	674699	48.230	ng		95
83) Bis(2-ethylhexyl)phthalate	21.98	149	477457	46.826	ng		95
84) Di-n-octyl phthalate	23.31	149	803756	47.714	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.86	276	432279	27.037	ng	#	86
87) Benzo(b)fluoranthene	24.59	252	701349	341.860	ng	#	96
88) Benzo(k)fluoranthene	24.66	252	628467m	309.906	ng		
89) Benzo(a)pyrene	25.56	252	300846	156.278	ng	#	95
90) Dibenzo(a,h)anthracene	29.93	278	608702	312.119	ng	#	97
91) Benzo(g,h,i)perylene	31.16	276	294887	157.337	ng	#	94

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

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