Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031767.D
Acq On : 26 Dec 2017 18:30
Operator : SJ/JU
Sample : PB105319BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105319BS

Quant Time: Dec 27 00:25:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	42140	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	186131	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	131543	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	339718	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	398457	20.00	ng		-0.05
86) Perylene-d12	26.27	264	438984	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	359295	155.30	ng		-0.02
7) Phenol-d6	7.91	99	456021	151.81	ng		-0.02
23) Nitrobenzene-d5	10.00	82	232752	94.43	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	319645	159.25	ng		-0.03
44) 2-Fluorobiphenyl	14.07	172	888358	84.76	ng		-0.03
78) Terphenyl-d14	20.70	244	1655558	94.93	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	32269	37.625	ng	#	70
3) Pyridine	4.32	79	86781	37.855	ng	#	74
4) n-Nitrosodimethylamine	4.23	42	36710	39.683	ng	#	85
6) Aniline	8.10	93	45620	11.804	ng	#	84
8) 2-Chlorophenol	8.35	128	127045	47.338	ng	#	77
9) Benzaldehyde	7.90	77	37200	20.567	ng		81
10) Phenol	7.94	94	141366	46.614	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	96894	38.471	ng	#	77
12) 1,3-Dichlorobenzene	8.69	146	134019	40.213	ng	#	92
13) 1,4-Dichlorobenzene	8.84	146	136396	40.064	ng		92
14) 1,2-Dichlorobenzene	9.17	146	130728	40.525	ng		94
15) Benzyl Alcohol	9.04	79	99048	43.924	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.33	45	96221	46.913	ng		78
17) 2-Methylphenol	9.24	107	102247	47.120	ng		97
18) Hexachloroethane	9.93	117	41426	40.176	ng	#	87
19) n-Nitroso-di-n-propylamine	9.62	70	74974	36.547	ng	#	81
20) 3+4-Methylphenols	9.57	107	136626	44.301	ng		92
22) Acetophenone	9.65	105	172333	39.851	ng	#	86
24) Nitrobenzene	10.05	77	106847	42.058	ng	#	83
25) Isophorone	10.57	82	212473	40.042	ng	#	87
26) 2-Nitrophenol	10.78	139	67003	50.303	ng	#	78
27) 2,4-Dimethylphenol	10.81	122	135770	48.439	ng		91
28) bis(2-Chloroethoxy)methane	11.05	93	136884	38.446	ng	#	98
29) 2,4-Dichlorophenol	11.31	162	154041	46.814	ng		88
30) 1,2,4-Trichlorobenzene	11.54	180	159449	39.687	ng		94
31) Naphthalene	11.74	128	371836	39.584	ng		99
32) Benzoic acid	10.93	122	87351	46.021	ng	#	77
33) 4-Chloroaniline	11.83	127	45205	10.809	ng	#	90
34) Hexachlorobutadiene	12.01	225	102570	37.187	ng		98
35) Caprolactam	12.59	113	48409	48.535	ng	#	48
36) 4-Chloro-3-methylphenol	12.91	107	137618	45.285	ng	#	82
37) 2-Methylnaphthalene	13.30	142	311410	40.894	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	220040	39.713	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	272030	93.067	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	142348	44.560	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	157309	44.435	ng	#	91
45) 1,1'-Biphenyl	14.27	154	449807	40.036	ng		96
46) 2-Chloronaphthalene	14.33	162	339238	39.586	ng		96
47) 2-Nitroaniline	14.52	65	67639	45.701	ng	#	61
48) Acenaphthylene	15.17	152	521270	38.022	ng		99
49) Dimethylphthalate	14.87	163	463158	39.967	ng		99
50) 2,6-Dinitrotoluene	14.99	165	98300	46.111	ng	#	68
51) Acenaphthene	15.50	154	369874	41.194	ng		95
52) 3-Nitroaniline	15.32	138	38678	18.596	ng	#	70
53) 2,4-Dinitrophenol	15.52	184	80274	87.813	ng	#	80
54) Dibenzofuran	15.83	168	558503	40.578	ng		97
55) 4-Nitrophenol	15.60	139	159101	93.985	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	139319	50.823	ng	#	63
57) Fluorene	16.47	166	447431	40.016	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	164604	47.656	ng	#	85
59) Diethylphthalate	16.21	149	448601	39.717	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	267950	39.166	ng		90
61) 4-Nitroaniline	16.48	138	79060	38.953	ng	#	75
62) Azobenzene	16.74	77	287395	39.676	ng		83
64) 4,6-Dinitro-2-methylphenol	16.52	198	66395	41.528	ng	#	68
65) n-Nitrosodiphenylamine	16.66	169	419697	37.198	ng		99
66) 4-Bromophenyl-phenylether	17.35	248	199775	40.667	ng	#	93
67) Hexachlorobenzene	17.47	284	206294	41.079	ng	#	88
68) Atrazine	17.59	200	183485	41.823	ng		97
69) Pentachlorophenol	17.81	266	281563	81.514	ng		97
70) Phenanthrene	18.21	178	764543	39.767	ng		99
71) Anthracene	18.30	178	789620	40.715	ng		98
72) Carbazole	18.56	167	684983	39.906	ng		100
73) Di-n-butylphthalate	19.07	149	769936	40.361	ng		99
74) Fluoranthene	20.17	202	978474	41.479	ng		97
76) Benzidine	20.33	184	218124	17.736	ng		98
77) Pyrene	20.53	202	998301	39.223	ng		99
79) Butylbenzylphthalate	21.40	149	350141	40.980	ng	#	75
80) Benzo(a)anthracene	22.49	228	1026335	40.492	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	160115	16.293	ng	#	94
82) Chrysene	22.57	228	962103	40.118	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	497108	40.158	ng	#	97
84) Di-n-octyl phthalate	23.75	149	866568	41.567	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1335811	43.418	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1117241	41.000	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1073833	39.377	ng	#	96
89) Benzo(a)pyrene	26.08	252	1087129	41.656	ng	#	96
90) Dibenzo(a,h)anthracene	30.71	278	1114595	41.353	ng	#	96
91) Benzo(g,h,i)perylene	30.63	276	1335811	41.977	ng	#	93

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

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