Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033050.D
Acq On : 8 Mar 2018 21:01
Operator : SJ/JU
Sample : PB107143BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107143BSD

Quant Time: Mar 09 01:30:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	61911	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	277371	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	159017	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	361379	20.00	ng		0.00
75) Chrysene-d12	22.61	240	329783	20.00	ng		0.00
86) Perylene-d12	26.41	264	351394	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	336185	86.87	ng		0.00
7) Phenol-d6	8.01	99	451162	83.64	ng		0.00
23) Nitrobenzene-d5	10.11	82	392693	96.70	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	157395	94.14	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	842754	76.44	ng		0.00
78) Terphenyl-d14	20.77	244	1145685	78.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	49825	29.667	ng		95
3) Pyridine	4.42	79	146138	31.570	ng		95
4) n-Nitrosodimethylamine	4.33	42	82606	44.511	ng	#	88
6) Aniline	8.20	93	143082	19.597	ng		98
8) 2-Chlorophenol	8.46	128	169364	39.985	ng		95
9) Benzaldehyde	8.01	77	52440	16.868	ng		90
10) Phenol	8.04	94	221128	40.668	ng		96
11) bis(2-Chloroethyl)ether	8.29	93	151217	34.011	ng		98
12) 1,3-Dichlorobenzene	8.80	146	162586	32.772	ng		98
13) 1,4-Dichlorobenzene	8.95	146	166531	33.348	ng		98
14) 1,2-Dichlorobenzene	9.28	146	156805	32.767	ng		97
15) Benzyl Alcohol	9.14	79	149891	37.800	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	295576	38.671	ng		99
17) 2-Methylphenol	9.34	107	150144	37.447	ng		96
18) Hexachloroethane	10.04	117	61340	36.076	ng	#	83
19) n-Nitroso-di-n-propylamine	9.72	70	128848	33.836	ng	#	89
20) 3+4-Methylphenols	9.67	107	205530	36.866	ng		94
22) Acetophenone	9.75	105	238975	34.115	ng	#	98
24) Nitrobenzene	10.15	77	183497	42.350	ng		92
25) Isophorone	10.68	82	348871	35.835	ng	#	94
26) 2-Nitrophenol	10.88	139	88334	54.086	ng		96
27) 2,4-Dimethylphenol	10.91	122	180425	42.661	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	212191	37.413	ng		95
29) 2,4-Dichlorophenol	11.42	162	159843	41.643	ng		94
30) 1,2,4-Trichlorobenzene	11.65	180	150776	33.510	ng		98
31) Naphthalene	11.85	128	504070	34.779	ng		99
32) Benzoic acid	11.02	122	108546	43.221	ng		86
33) 4-Chloroaniline	11.93	127	129668	20.009	ng		97
34) Hexachlorobutadiene	12.11	225	84606	33.523	ng		95
35) Caprolactam	12.69	113	64731	42.116	ng		92
36) 4-Chloro-3-methylphenol	13.00	107	195588	43.787	ng		95
37) 2-Methylnaphthalene	13.40	142	374413	35.706	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	161088	34.125	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	200747	83.446	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124593	41.853	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	138876	40.308	ng		96
45) 1,1'-Biphenyl	14.37	154	475201	34.198	ng		95
46) 2-Chloronaphthalene	14.42	162	360430	34.724	ng		95
47) 2-Nitroaniline	14.61	65	138061	51.769	ng		93
48) Acenaphthylene	15.26	152	595179	35.022	ng		99
49) Dimethylphthalate	14.95	163	472485	34.994	ng		100
50) 2,6-Dinitrotoluene	15.08	165	106582	47.749	ng		94
51) Acenaphthene	15.59	154	416579	39.360	ng		96
52) 3-Nitroaniline	15.41	138	83018	32.852	ng	#	89
53) 2,4-Dinitrophenol	15.61	184	92811	113.420	ng		98
54) Dibenzofuran	15.92	168	554280	36.780	ng		92
55) 4-Nitrophenol	15.68	139	178346	80.603	ng		88
56) 2,4-Dinitrotoluene	15.86	165	150504	55.340	ng	#	86
57) Fluorene	16.56	166	449452	36.135	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	120250	44.953	ng	#	89
59) Diethylphthalate	16.29	149	512155	35.963	ng		99
60) 4-Chlorophenyl-phenylether	16.53	204	224116	36.833	ng	#	88
61) 4-Nitroaniline	16.56	138	115491	40.448	ng		88
62) Azobenzene	16.83	77	480024	37.678	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	68213	59.204	ng		98
65) n-Nitrosodiphenylamine	16.75	169	418444	35.594	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	135623	35.492	ng	#	85
67) Hexachlorobenzene	17.56	284	141864	34.355	ng	#	90
68) Atrazine	17.67	200	145507	37.602	ng		96
69) Pentachlorophenol	17.89	266	190050	73.067	ng		99
70) Phenanthrene	18.30	178	720773	35.750	ng		98
71) Anthracene	18.39	178	742589	36.687	ng		100
72) Carbazole	18.64	167	685884	34.379	ng		98
73) Di-n-butylphthalate	19.14	149	867728	35.453	ng		99
74) Fluoranthene	20.25	202	811938	36.457	ng		95
76) Benzidine	20.40	184	225866	20.093	ng		97
77) Pyrene	20.60	202	815603	35.070	ng		97
79) Butylbenzylphthalate	21.47	149	411595	39.918	ng		92
80) Benzo(a)anthracene	22.59	228	783474	37.048	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	187219	23.904	ng	#	97
82) Chrysene	22.67	228	738283	36.547	ng		97
83) Bis(2-ethylhexyl)phthalate	22.41	149	582216	38.146	ng		97
84) Di-n-octyl phthalate	23.83	149	1000897	43.023	ng		99
85) Indeno(1,2,3-cd)pyrene	30.84	276	838874	35.607	ng		97
87) Benzo(b)fluoranthene	25.19	252	782120	37.644	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	786406	38.085	ng	#	97
89) Benzo(a)pyrene	26.23	252	760178	38.467	ng	#	96
90) Dibenzo(a,h)anthracene	30.92	278	676095	33.989	ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	710864	36.253	ng	#	94

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

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