Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032184.D
Acq On : 20 Jan 2018 18:05
Operator : SJ/JU
Sample : PB105570BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105570BS

Quant Time: Jan 22 02:03:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	46598	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	175518	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	117017	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	308340	20.00	ng		0.00
75) Chrysene-d12	22.45	240	398622	20.00	ng		0.00
86) Perylene-d12	26.15	264	425576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	343603	134.86	ng		0.00
7) Phenol-d6	7.86	99	402060	125.30	ng		0.00
23) Nitrobenzene-d5	9.94	82	245891	94.78	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	263616	136.14	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	826490	87.58	ng		0.00
78) Terphenyl-d14	20.65	244	1587844	87.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	29957	30.605	ng	#	75
3) Pyridine	4.28	79	83322	31.891	ng	#	80
4) n-Nitrosodimethylamine	4.19	42	45075	49.107	ng	#	84
6) Aniline	8.04	93	64250	15.874	ng		98
8) 2-Chlorophenol	8.29	128	107516	37.712	ng		82
9) Benzaldehyde	7.84	77	59538	32.024	ng		81
10) Phenol	7.88	94	120939	38.261	ng		98
11) bis(2-Chloroethyl)ether	8.13	93	84635	33.421	ng	#	80
12) 1,3-Dichlorobenzene	8.63	146	131850	35.336	ng		95
13) 1,4-Dichlorobenzene	8.78	146	135857	36.161	ng		94
14) 1,2-Dichlorobenzene	9.11	146	128649	35.404	ng		99
15) Benzyl Alcohol	8.98	79	90677	38.899	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	86777	33.718	ng		79
17) 2-Methylphenol	9.18	107	83039	34.375	ng		95
18) Hexachloroethane	9.86	117	44487	38.529	ng	#	78
19) n-Nitroso-di-n-propylamine	9.55	70	66991	33.648	ng	#	88
20) 3+4-Methylphenols	9.51	107	114434	34.195	ng		95
22) Acetophenone	9.58	105	151373	37.968	ng	#	91
24) Nitrobenzene	9.98	77	105044	40.592	ng	#	88
25) Isophorone	10.51	82	184188	38.128	ng	#	83
26) 2-Nitrophenol	10.71	139	61931	40.389	ng	#	83
27) 2,4-Dimethylphenol	10.75	122	101738	41.811	ng		93
28) bis(2-Chloroethoxy)methane	10.99	93	113963	39.156	ng		96
29) 2,4-Dichlorophenol	11.25	162	128534	42.929	ng		88
30) 1,2,4-Trichlorobenzene	11.48	180	151004	39.052	ng		96
31) Naphthalene	11.67	128	323783	37.239	ng		97
32) Benzoic acid	10.86	122	42357	24.580	ng	#	79
33) 4-Chloroaniline	11.77	127	59005	15.825	ng		95
34) Hexachlorobutadiene	11.94	225	112991	40.684	ng		97
35) Caprolactam	12.51	113	35115	38.659	ng	#	46
36) 4-Chloro-3-methylphenol	12.84	107	112095	40.903	ng		90
37) 2-Methylnaphthalene	13.24	142	260355	37.716	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	198389	38.894	ng		96
40) Hexachlorocyclopentadiene	13.57	237	276850	96.365	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	116815	40.759	ng		96
43) 2,4,5-Trichlorophenol	13.90	196	128447	38.719	ng	#	91
45) 1,1'-Biphenyl	14.22	154	369715	36.855	ng		96
46) 2-Chloronaphthalene	14.27	162	287984	36.902	ng		94
47) 2-Nitroaniline	14.46	65	64419	43.119	ng	#	72
48) Acenaphthylene	15.11	152	418774	35.239	ng		100
49) Dimethylphthalate	14.81	163	376634	36.781	ng		98
50) 2,6-Dinitrotoluene	14.94	165	82600	38.862	ng	#	77
51) Acenaphthene	15.44	154	310190	39.474	ng		99
52) 3-Nitroaniline	15.26	138	45845	23.881	ng	#	76
53) 2,4-Dinitrophenol	15.46	184	72708	69.221	ng	#	81
54) Dibenzofuran	15.77	168	447102	38.141	ng		99
55) 4-Nitrophenol	15.55	139	124227	88.797	ng	#	81
56) 2,4-Dinitrotoluene	15.71	165	119703	41.831	ng	#	71
57) Fluorene	16.42	166	357749	37.211	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	137964	44.956	ng	#	83
59) Diethylphthalate	16.15	149	369502	37.221	ng		97
60) 4-Chlorophenyl-phenylether	16.39	204	230558	39.094	ng		92
61) 4-Nitroaniline	16.42	138	71164	38.645	ng		88
62) Azobenzene	16.69	77	238026	38.308	ng		88
64) 4,6-Dinitro-2-methylphenol	16.47	198	71019	37.207	ng	#	65
65) n-Nitrosodiphenylamine	16.60	169	337543	36.076	ng		99
66) 4-Bromophenyl-phenylether	17.29	248	166105	37.862	ng		96
67) Hexachlorobenzene	17.41	284	168931	34.805	ng	#	91
68) Atrazine	17.53	200	161382	41.014	ng		96
69) Pentachlorophenol	17.75	266	208236	67.121	ng		98
70) Phenanthrene	18.16	178	630329	36.717	ng		98
71) Anthracene	18.24	178	647922	37.841	ng		99
72) Carbazole	18.50	167	565790	38.092	ng		100
73) Di-n-butylphthalate	19.01	149	643125	36.642	ng		100
74) Fluoranthene	20.12	202	873312	40.630	ng		94
76) Benzidine	20.28	184	320701	32.173	ng		97
77) Pyrene	20.48	202	884279	35.288	ng		99
79) Butylbenzylphthalate	21.33	149	302335	33.674	ng	#	78
80) Benzo(a)anthracene	22.43	228	938261	37.848	ng		99
81) 3,3'-Dichlorobenzidine	22.31	252	195586	21.120	ng	#	97
82) Chrysene	22.50	228	880510	36.984	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	419791	31.885	ng	#	96
84) Di-n-octyl phthalate	23.65	149	728432	34.836	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.43	276	1151838	39.533	ng	#	87
87) Benzo(b)fluoranthene	24.96	252	997612	38.782	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	945309	37.607	ng	#	95
89) Benzo(a)pyrene	25.97	252	960566	39.475	ng	#	97
90) Dibenzo(a,h)anthracene	30.51	278	963123	41.073	ng	#	94
91) Benzo(g,h,i)perylene	31.79	276	958092	39.975	ng	#	90

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

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