Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033112.D
Acq On : 13 Mar 2018 6:00
Operator : SJ/JU
Sample : PB107261BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 13 08:52:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	39015	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	175480	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	105307	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	245381	20.00	ng		0.00
75) Chrysene-d12	22.61	240	238847	20.00	ng		0.00
86) Perylene-d12	26.41	264	260397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	312088	127.98	ng		0.00
7) Phenol-d6	8.01	99	420867	123.82	ng		0.00
23) Nitrobenzene-d5	10.11	82	252470	98.11	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	170432	153.92	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	575075	78.76	ng		0.00
78) Terphenyl-d14	20.77	244	901452	84.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	35367	33.417	ng		98
3) Pyridine	4.42	79	100310	34.387	ng		92
4) n-Nitrosodimethylamine	4.32	42	60990	52.149	ng	#	79
6) Aniline	8.20	93	48486	10.538	ng		98
8) 2-Chlorophenol	8.45	128	114831	43.020	ng		97
9) Benzaldehyde	8.01	77	58784	30.006	ng		96
10) Phenol	8.04	94	152904	44.623	ng		97
11) bis(2-Chloroethyl)ether	8.29	93	101876	36.360	ng		99
12) 1,3-Dichlorobenzene	8.79	146	114807	36.722	ng		98
13) 1,4-Dichlorobenzene	8.95	146	117767	37.422	ng		96
14) 1,2-Dichlorobenzene	9.28	146	109470	36.301	ng		97
15) Benzyl Alcohol	9.14	79	105111	42.063	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	205636	42.692	ng		99
17) 2-Methylphenol	9.34	107	103340	40.899	ng		97
18) Hexachloroethane	10.04	117	42127	39.316	ng	#	84
19) n-Nitroso-di-n-propylamine	9.72	70	90098	37.545	ng	#	90
20) 3+4-Methylphenols	9.67	107	140750	40.063	ng		93
22) Acetophenone	9.75	105	166705	37.616	ng	#	98
24) Nitrobenzene	10.15	77	129426	46.482	ng		93
25) Isophorone	10.67	82	244904	39.762	ng		97
26) 2-Nitrophenol	10.88	139	59198	56.358	ng		98
27) 2,4-Dimethylphenol	10.90	122	124673	46.595	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	143349	39.951	ng		96
29) 2,4-Dichlorophenol	11.42	162	112671	46.397	ng		97
30) 1,2,4-Trichlorobenzene	11.65	180	105605	37.099	ng		98
31) Naphthalene	11.84	128	355992	38.824	ng		99
32) Benzoic acid	11.00	122	67434	42.684	ng	#	87
33) 4-Chloroaniline	11.93	127	44393	10.828	ng		97
34) Hexachlorobutadiene	12.11	225	61147	38.296	ng		96
35) Caprolactam	12.68	113	44173	45.429	ng		97
36) 4-Chloro-3-methylphenol	12.99	107	140284	49.641	ng		97
37) 2-Methylnaphthalene	13.39	142	263337	39.696	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	118758	37.990	ng	#	97
40) Hexachlorocyclopentadiene	13.72	237	144016	90.397	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	89839	45.571	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	99193	43.474	ng	#	95
45) 1,1'-Biphenyl	14.36	154	336570	36.575	ng		97
46) 2-Chloronaphthalene	14.42	162	256989	37.386	ng		94
47) 2-Nitroaniline	14.60	65	96363	54.032	ng		93
48) Acenaphthylene	15.26	152	430569	38.258	ng		99
49) Dimethylphthalate	14.95	163	348777	39.006	ng		100
50) 2,6-Dinitrotoluene	15.08	165	76165	50.822	ng		96
51) Acenaphthene	15.59	154	290452	41.440	ng		100
52) 3-Nitroaniline	15.41	138	35680	23.968	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	53621	103.230	ng		96
54) Dibenzofuran	15.91	168	407230	40.805	ng		93
55) 4-Nitrophenol	15.68	139	117817	80.422	ng		91
56) 2,4-Dinitrotoluene	15.86	165	109679	59.428	ng	#	88
57) Fluorene	16.56	166	331154	40.203	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	89358m	50.442	ng		
59) Diethylphthalate	16.28	149	377360	40.013	ng		96
60) 4-Chlorophenyl-phenylether	16.53	204	165334	41.031	ng		91
61) 4-Nitroaniline	16.56	138	72438	38.590	ng		92
62) Azobenzene	16.82	77	350922	41.593	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	46018	58.940	ng		92
65) n-Nitrosodiphenylamine	16.74	169	305190	38.232	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	105263	40.569	ng	#	88
67) Hexachlorobenzene	17.55	284	111706	39.839	ng		94
68) Atrazine	17.66	200	109149	41.540	ng		97
69) Pentachlorophenol	17.89	266	136532	77.305	ng		98
70) Phenanthrene	18.29	178	545288	39.832	ng		99
71) Anthracene	18.39	178	550599	40.061	ng		99
72) Carbazole	18.64	167	504464	37.238	ng		98
73) Di-n-butylphthalate	19.13	149	639209	38.462	ng		99
74) Fluoranthene	20.24	202	612623	40.512	ng		95
76) Benzidine	20.40	184	75523	9.276	ng		100
77) Pyrene	20.60	202	620049	36.812	ng		98
79) Butylbenzylphthalate	21.46	149	300892	40.291	ng		94
80) Benzo(a)anthracene	22.59	228	606193	39.579	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	75738	13.352	ng	#	98
82) Chrysene	22.66	228	572136	39.105	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	428811	38.792	ng		95
84) Di-n-octyl phthalate	23.82	149	742016	44.038	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	639981	37.507	ng	#	95
87) Benzo(b)fluoranthene	25.18	252	612409	39.776	ng		97
88) Benzo(k)fluoranthene	25.27	252	608483	39.766	ng	#	98
89) Benzo(a)pyrene	26.23	252	591686	40.404	ng	#	97
90) Dibenzo(a,h)anthracene	30.90	278	513164	34.814	ng		96
91) Benzo(g,h,i)perylene	32.21	276	543682	37.416	ng	#	93

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

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