Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033192.D
Acq On : 16 Mar 2018 00:48
Operator : SJ/JU
Sample : PB107389BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Manual Integrations APPROVED
Sohil
3/16/2018 12:07:33 PM

Quant Time: Mar 16 06:23:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	27455	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	122540	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	80817	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	212330	20.00	ng		0.00
75) Chrysene-d12	22.61	240	216544	20.00	ng		0.00
86) Perylene-d12	26.41	264	243753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	144269	84.07	ng		0.00
7) Phenol-d6	8.00	99	340991	142.56	ng		0.00
23) Nitrobenzene-d5	10.10	82	175138	97.53	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	205296	241.59	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	517719	92.39	ng		0.00
78) Terphenyl-d14	20.77	244	1009562	104.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	12229	16.420	ng		86
3) Pyridine	4.41	79	30786	14.997	ng		95
4) n-Nitrosodimethylamine	4.31	42	21816	26.508	ng	#	76
6) Aniline	8.19	93	50606	15.630	ng		98
8) 2-Chlorophenol	8.44	128	92430	49.208	ng		94
9) Benzaldehyde	8.00	77	34594	25.093	ng		88
10) Phenol	8.03	94	114524	47.495	ng		96
11) bis(2-Chloroethyl)ether	8.28	93	66202	33.576	ng		94
12) 1,3-Dichlorobenzene	8.78	146	88097	40.043	ng		98
13) 1,4-Dichlorobenzene	8.93	146	92858	41.931	ng		96
14) 1,2-Dichlorobenzene	9.27	146	86584	40.801	ng		97
15) Benzyl Alcohol	9.13	79	80837	45.970	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	135126	39.866	ng		98
17) 2-Methylphenol	9.33	107	77582	43.633	ng		95
18) Hexachloroethane	10.02	117	31690	42.029	ng		90
19) n-Nitroso-di-n-propylamine	9.71	70	67153	39.766	ng	#	93
20) 3+4-Methylphenols	9.67	107	111373	45.049	ng		97
22) Acetophenone	9.74	105	127347	41.150	ng	#	97
24) Nitrobenzene	10.14	77	99128	50.363	ng		95
25) Isophorone	10.66	82	197233	45.857	ng	#	94
26) 2-Nitrophenol	10.87	139	52721	66.970	ng		96
27) 2,4-Dimethylphenol	10.90	122	99845	53.438	ng		92
28) bis(2-Chloroethoxy)methane	11.14	93	111789	44.615	ng		98
29) 2,4-Dichlorophenol	11.42	162	94459	55.702	ng		93
30) 1,2,4-Trichlorobenzene	11.63	180	86981	43.757	ng		98
31) Naphthalene	11.83	128	279085	43.585	ng		98
32) Benzoic acid	11.05	122	9195m	14.754	ng		
33) 4-Chloroaniline	11.93	127	54256	18.951	ng		99
34) Hexachlorobutadiene	12.09	225	50019	44.860	ng		96
35) Caprolactam	12.68	113	42593	62.728	ng		97
36) 4-Chloro-3-methylphenol	13.00	107	122443	62.047	ng		95
37) 2-Methylnaphthalene	13.39	142	160015	34.541	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	102640	42.783	ng	#	97
40) Hexachlorocyclopentadiene	13.71	237	118775	97.145	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	84981	56.169	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	99872	57.035	ng		96
45) 1,1'-Biphenyl	14.36	154	288290	40.822	ng		98
46) 2-Chloronaphthalene	14.41	162	218892	41.493	ng		95
47) 2-Nitroaniline	14.61	65	91532	64.537	ng		93
48) Acenaphthylene	15.25	152	382042	44.233	ng		99
49) Dimethylphthalate	14.94	163	323954	47.209	ng		99
50) 2,6-Dinitrotoluene	15.08	165	73402	61.544	ng		96
51) Acenaphthene	15.58	154	232007	43.132	ng		96
52) 3-Nitroaniline	15.41	138	48153	36.428	ng	#	82
53) 2,4-Dinitrophenol	15.61	184	5283	22.203	ng	#	1
54) Dibenzofuran	15.91	168	374298	48.870	ng		92
55) 4-Nitrophenol	15.69	139	128823	111.574	ng		93
56) 2,4-Dinitrotoluene	15.85	165	108163	71.588	ng		86
57) Fluorene	16.55	166	306943	48.555	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.12	232	92454	68.005	ng		91
59) Diethylphthalate	16.28	149	359934	49.730	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	156428	50.584	ng		91
61) 4-Nitroaniline	16.56	138	80562	53.542	ng		93
62) Azobenzene	16.82	77	309581	47.812	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	11207	24.221	ng		94
65) n-Nitrosodiphenylamine	16.74	169	293732	42.524	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	107885	48.052	ng	#	91
67) Hexachlorobenzene	17.55	284	119135	49.102	ng		97
68) Atrazine	17.66	200	113816	50.058	ng		97
69) Pentachlorophenol	17.88	266	101768	66.591	ng		98
70) Phenanthrene	18.29	178	537541	45.378	ng		100
71) Anthracene	18.38	178	558243	46.940	ng		99
72) Carbazole	18.64	167	525833	44.858	ng		98
73) Di-n-butylphthalate	19.13	149	635510	44.192	ng		99
74) Fluoranthene	20.24	202	652440	49.860	ng		97
76) Benzidine	20.40	184	181752	24.623	ng		98
77) Pyrene	20.60	202	659053	43.158	ng		99
79) Butylbenzylphthalate	21.46	149	295139	43.592	ng		92
80) Benzo(a)anthracene	22.58	228	645365	46.476	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	123487	24.011	ng	#	99
82) Chrysene	22.66	228	602857	45.449	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	408921	40.802	ng		96
84) Di-n-octyl phthalate	23.82	149	709674	46.457	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	786734	50.857	ng	#	92
87) Benzo(b)fluoranthene	25.19	252	666489	46.244	ng		98
88) Benzo(k)fluoranthene	25.27	252	636367	44.428	ng		99
89) Benzo(a)pyrene	26.22	252	643436	46.938	ng		99
90) Dibenzo(a,h)anthracene	30.91	278	658115	47.696	ng		97
91) Benzo(g,h,i)perylene	32.23	276	654605	48.126	ng		99

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

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