Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033568.D
Acq On : 4 Apr 2018 20:14
Operator : SJ/JU
Sample : PB107912BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107912BS

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:51 PM

Quant Time: Apr 05 03:51:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30725	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	147190	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	116580	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	300952	20.00	ng		0.00
75) Chrysene-d12	22.56	240	308817	20.00	ng		0.00
86) Perylene-d12	26.32	264	327338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	178968	109.22	ng		0.00
7) Phenol-d6	7.98	99	290876	103.32	ng		0.00
23) Nitrobenzene-d5	10.06	82	264852	82.67	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	142009	81.45	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	662613	82.05	ng		0.00
78) Terphenyl-d14	20.73	244	1169667	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	31459	37.806	ng		89
3) Pyridine	4.38	79	86371	37.548	ng		97
4) n-Nitrosodimethylamine	4.29	42	41532	43.996	ng	#	89
6) Aniline	8.16	93	60052	18.138	ng		95
8) 2-Chlorophenol	8.41	128	90114	48.106	ng		95
9) Benzaldehyde	7.97	77	23647	13.217	ng	#	83
10) Phenol	8.01	94	142131	51.132	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	80923	35.667	ng		99
12) 1,3-Dichlorobenzene	8.75	146	95254	38.894	ng		96
13) 1,4-Dichlorobenzene	8.90	146	103981	42.395	ng		93
14) 1,2-Dichlorobenzene	9.23	146	101528	42.413	ng		95
15) Benzyl Alcohol	9.10	79	105467	47.580	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.38	45	163711	44.262	ng		91
17) 2-Methylphenol	9.30	107	89849m	47.449	ng		
18) Hexachloroethane	9.98	117	39903	42.153	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	86281	41.823	ng		98
20) 3+4-Methylphenols	9.64	107	124758	46.274	ng		90
22) Acetophenone	9.70	105	156371	38.778	ng	#	96
24) Nitrobenzene	10.11	77	128871	37.582	ng		93
25) Isophorone	10.62	82	254254	40.891	ng		96
26) 2-Nitrophenol	10.83	139	56603	43.600	ng	#	87
27) 2,4-Dimethylphenol	10.87	122	99202	52.600	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	132495	42.708	ng		97
29) 2,4-Dichlorophenol	11.38	162	110369	47.586	ng		93
30) 1,2,4-Trichlorobenzene	11.60	180	113441	37.645	ng		98
31) Naphthalene	11.80	128	318656	41.778	ng		99
32) Benzoic acid	10.99	122	49393	28.173	ng		92
33) 4-Chloroaniline	11.90	127	51622	15.106	ng		99
34) Hexachlorobutadiene	12.05	225	79219	34.763	ng		97
35) Caprolactam	12.64	113	40676	44.766	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	139026	45.958	ng		97
37) 2-Methylnaphthalene	13.35	142	240434	40.613	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	155139	36.738	ng		98
40) Hexachlorocyclopentadiene	13.67	237	179149	72.368	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	105946	43.182	ng		91
43) 2,4,5-Trichlorophenol	14.01	196	117717	40.592	ng		98
45) 1,1'-Biphenyl	14.32	154	338395	37.782	ng		94
46) 2-Chloronaphthalene	14.38	162	261994	37.937	ng		96
47) 2-Nitroaniline	14.57	65	105685	40.858	ng		97
48) Acenaphthylene	15.21	152	436345	37.853	ng		100
49) Dimethylphthalate	14.90	163	391690	38.607	ng		100
50) 2,6-Dinitrotoluene	15.04	165	85616	41.271	ng		96
51) Acenaphthene	15.54	154	322106	43.346	ng		94
52) 3-Nitroaniline	15.38	138	45560	20.948	ng	#	90
53) 2,4-Dinitrophenol	15.57	184	83529	77.967	ng	#	77
54) Dibenzofuran	15.87	168	444701	40.514	ng		91
55) 4-Nitrophenol	15.67	139	133041	86.993	ng	#	84
56) 2,4-Dinitrotoluene	15.81	165	119525	39.131	ng	#	99
57) Fluorene	16.51	166	366117	39.152	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	115516	42.312	ng		97
59) Diethylphthalate	16.24	149	390767	39.665	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	205683	38.263	ng		99
61) 4-Nitroaniline	16.53	138	82458	37.439	ng		85
62) Azobenzene	16.78	77	391530	41.027	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	68291	37.931	ng		95
65) n-Nitrosodiphenylamine	16.70	169	342910	39.912	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	137492	38.901	ng		95
67) Hexachlorobenzene	17.51	284	137245	36.794	ng		97
68) Atrazine	17.62	200	129440	37.179	ng		96
69) Pentachlorophenol	17.85	266	182713	71.368	ng		100
70) Phenanthrene	18.25	178	624485	39.843	ng		98
71) Anthracene	18.34	178	654329	41.231	ng		100
72) Carbazole	18.61	167	576438	40.990	ng		99
73) Di-n-butylphthalate	19.09	149	693057	42.340	ng	#	99
74) Fluoranthene	20.21	202	801917	41.345	ng		97
76) Benzidine	20.39	184	120319	14.367	ng		98
77) Pyrene	20.56	202	800811	38.881	ng		99
79) Butylbenzylphthalate	21.42	149	318755	41.939	ng		94
80) Benzo(a)anthracene	22.54	228	787507	40.048	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	185374	26.492	ng		97
82) Chrysene	22.61	228	752569	39.536	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	439952	41.991	ng		98
84) Di-n-octyl phthalate	23.75	149	751108	46.821	ng		100
85) Indeno(1,2,3-cd)pyrene	30.71	276	824959	40.085	ng	#	85
87) Benzo(b)fluoranthene	25.11	252	760106	40.192	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	780831	40.823	ng	#	98
89) Benzo(a)pyrene	26.15	252	756098	41.632	ng	#	95
90) Dibenzo(a,h)anthracene	30.78	278	670284	39.181	ng		97
91) Benzo(g,h,i)perylene	32.07	276	683742	40.361	ng	#	96

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

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