Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033248.D
Acq On : 19 Mar 2018 20:20
Operator : SJ/JU
Sample : PB107449BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107449BSD

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:40 PM

Quant Time: Mar 20 11:53:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38458	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	163216	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	126650	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	320501	20.00	ng		0.00
75) Chrysene-d12	22.60	240	322351	20.00	ng		0.00
86) Perylene-d12	26.40	264	340345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	219818	107.18	ng		0.00
7) Phenol-d6	8.00	99	340003	96.48	ng		0.00
23) Nitrobenzene-d5	10.10	82	322110	90.67	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	180130	95.10	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	812174	92.58	ng		0.00
78) Terphenyl-d14	20.76	244	1345090	89.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	35808	34.379	ng		91
3) Pyridine	4.41	79	98758m	34.300	ng		
4) n-Nitrosodimethylamine	4.32	42	52343	44.299	ng	#	78
6) Aniline	8.19	93	72343	17.457	ng		94
8) 2-Chlorophenol	8.44	128	113264	48.307	ng		96
9) Benzaldehyde	8.00	77	39715	17.734	ng		89
10) Phenol	8.03	94	170482	48.999	ng		90
11) bis(2-Chloroethyl)ether	8.28	93	108285	38.130	ng		97
12) 1,3-Dichlorobenzene	8.77	146	118854	38.772	ng		96
13) 1,4-Dichlorobenzene	8.93	146	118728	38.674	ng		97
14) 1,2-Dichlorobenzene	9.26	146	117851	39.332	ng		99
15) Benzyl Alcohol	9.13	79	126991	45.770	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.41	45	186442	40.272	ng		89
17) 2-Methylphenol	9.33	107	111047m	46.852	ng		
18) Hexachloroethane	10.01	117	47225	39.857	ng		89
19) n-Nitroso-di-n-propylamine	9.70	70	103214	39.971	ng		99
20) 3+4-Methylphenols	9.66	107	148706	44.065	ng		85
22) Acetophenone	9.73	105	186017	41.600	ng	#	98
24) Nitrobenzene	10.14	77	160444	42.195	ng	#	87
25) Isophorone	10.66	82	312161	45.274	ng		99
26) 2-Nitrophenol	10.87	139	68084	47.294	ng	#	79
27) 2,4-Dimethylphenol	10.90	122	113372	54.211	ng		93
28) bis(2-Chloroethoxy)methane	11.14	93	164995	47.961	ng		97
29) 2,4-Dichlorophenol	11.41	162	135892	52.837	ng		90
30) 1,2,4-Trichlorobenzene	11.63	180	133535	39.963	ng		95
31) Naphthalene	11.83	128	360251	42.593	ng		99
32) Benzoic acid	11.02	122	84446m	43.437	ng		
33) 4-Chloroaniline	11.93	127	62350	16.454	ng		98
34) Hexachlorobutadiene	12.09	225	98451	38.961	ng		95
35) Caprolactam	12.67	113	47279	46.924	ng		88
36) 4-Chloro-3-methylphenol	12.99	107	165346	49.292	ng		96
37) 2-Methylnaphthalene	13.38	142	291997	44.479	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	193887	42.263	ng		98
40) Hexachlorocyclopentadiene	13.70	237	264465	98.337	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	123596	46.370 ng		97
43) 2,4,5-Trichlorophenol	14.03	196	150875	47.889 ng		98
45) 1,1'-Biphenyl	14.35	154	407733	41.904 ng		96
46) 2-Chloronaphthalene	14.41	162	319104	42.533 ng		95
47) 2-Nitroaniline	14.60	65	132906	47.296 ng		96
48) Acenaphthylene	15.24	152	527193	42.098 ng		99
49) Dimethylphthalate	14.94	163	471568	42.784 ng		100
50) 2,6-Dinitrotoluene	15.07	165	102894	45.656 ng		100
51) Acenaphthene	15.57	154	400099	49.561 ng		97
52) 3-Nitroaniline	15.41	138	53659	22.710 ng	#	94
53) 2,4-Dinitrophenol	15.60	184	127941	106.794 ng	#	82
54) Dibenzofuran	15.91	168	528086	44.285 ng		92
55) 4-Nitrophenol	15.68	139	165062	99.349 ng	#	87
56) 2,4-Dinitrotoluene	15.85	165	150284	45.289 ng		92
57) Fluorene	16.55	166	438626	43.176 ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	148245	49.982 ng		96
59) Diethylphthalate	16.27	149	457961	42.790 ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	252650	43.263 ng		96
61) 4-Nitroaniline	16.56	138	90178	37.689 ng		88
62) Azobenzene	16.81	77	460294	44.398 ng		98
64) 4,6-Dinitro-2-methylphenol	16.61	198	84728	44.191 ng		94
65) n-Nitrosodiphenylamine	16.73	169	405004	44.263 ng		96
66) 4-Bromophenyl-phenylether	17.41	248	168509	44.769 ng		93
67) Hexachlorobenzene	17.54	284	169291	42.617 ng		96
68) Atrazine	17.65	200	162602	43.855 ng		98
69) Pentachlorophenol	17.88	266	230055	84.379 ng		97
70) Phenanthrene	18.28	178	733393	43.938 ng		99
71) Anthracene	18.38	178	755852	44.723 ng		100
72) Carbazole	18.63	167	652436	43.564 ng		97
73) Di-n-butylphthalate	19.12	149	747639	42.889 ng	#	98
74) Fluoranthene	20.24	202	913800	44.240 ng		97
76) Benzidine	20.40	184	220426m	25.216 ng		
77) Pyrene	20.59	202	933219	43.408 ng		98
79) Butylbenzylphthalate	21.45	149	345496	43.549 ng		99
80) Benzo(a)anthracene	22.58	228	906686	44.173 ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	201385	27.571 ng		99
82) Chrysene	22.65	228	851964	42.879 ng		99
83) Bis(2-ethylhexyl)phthalate	22.39	149	464127	42.438 ng		98
84) Di-n-octyl phthalate	23.80	149	779330	46.541 ng		99
85) Indeno(1,2,3-cd)pyrene	30.81	276	987779	45.981 ng	#	87
87) Benzo(b)fluoranthene	25.17	252	886438	45.081 ng	#	96
88) Benzo(k)fluoranthene	25.25	252	864901	43.490 ng	#	97
89) Benzo(a)pyrene	26.21	252	871384	46.146 ng	#	97
90) Dibenzo(a,h)anthracene	30.88	278	821866	46.205 ng	#	97
91) Benzo(g,h,i)perylene	32.19	276	824750	46.824 ng	#	93

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

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