Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033857.D
Acq On : 17 Apr 2018 22:52
Operator : SJ/JU
Sample : PB108313BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108313BS

Manual Integrations APPROVED
Sohil
4/18/2018 3:04:02 PM

Quant Time: Apr 18 09:01:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 18:35:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	31594	20.00	ng		0.00
21) Naphthalene-d8	11.71	136	154184	20.00	ng		0.00
38) Acenaphthene-d10	15.44	164	119650	20.00	ng		0.00
63) Phenanthrene-d10	18.18	188	324872	20.00	ng		0.00
75) Chrysene-d12	22.52	240	317891	20.00	ng		-0.01
86) Perylene-d12	26.27	264	346050	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.26	112	276633	164.18	ng		0.00
7) Phenol-d6	7.96	99	457461	158.02	ng		0.00
23) Nitrobenzene-d5	10.03	82	298561	88.97	ng		0.00
41) 2,4,6-Tribromophenol	16.92	330	269136	150.40	ng		0.00
44) 2-Fluorobiphenyl	14.07	172	830432	100.20	ng		0.00
78) Terphenyl-d14	20.70	244	1474171	99.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	37105	43.364	ng		88
3) Pyridine	4.36	79	65868	27.847	ng		96
4) n-Nitrosodimethylamine	4.30	42	29854	30.755	ng	#	76
6) Aniline	8.13	93	55895	16.418	ng	#	76
8) 2-Chlorophenol	8.39	128	107298	55.704	ng		94
9) Benzaldehyde	7.99	77	61144m	33.234	ng		
10) Phenol	7.99	94	137892	48.243	ng		89
11) bis(2-Chloroethyl)ether	8.22	93	92893	39.817	ng		91
12) 1,3-Dichlorobenzene	8.71	146	113191	44.947	ng		97
13) 1,4-Dichlorobenzene	8.87	146	119589	47.417	ng		98
14) 1,2-Dichlorobenzene	9.19	146	115881	47.077	ng		97
15) Benzyl Alcohol	9.09	79	63642	27.921	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	9.34	45	202029	53.119	ng		75
17) 2-Methylphenol	9.28	107	91103m	46.788	ng		
18) Hexachloroethane	9.93	117	53034	54.483	ng		97
19) n-Nitroso-di-n-propylamine	9.63	70	101521	47.857	ng	#	94
20) 3+4-Methylphenols	9.63	107	112761	40.673	ng		90
22) Acetophenone	9.68	105	145218	34.378	ng	#	92
24) Nitrobenzene	10.09	77	141894	39.502	ng	#	84
25) Isophorone	10.58	82	309991	47.593	ng		100
26) 2-Nitrophenol	10.81	139	47448	34.890	ng	#	71
27) 2,4-Dimethylphenol	10.84	122	97144	49.172	ng		90
28) bis(2-Chloroethoxy)methane	11.08	93	150562	46.330	ng		97
29) 2,4-Dichlorophenol	11.36	162	114752	47.231	ng		90
30) 1,2,4-Trichlorobenzene	11.56	180	137598	43.591	ng		94
31) Naphthalene	11.76	128	376546	47.128	ng		98
32) Benzoic acid	10.98	122	58066m	31.618	ng		
33) 4-Chloroaniline	11.91	127	28876m	8.067	ng		
34) Hexachlorobutadiene	12.01	225	107118	44.874	ng		95
35) Caprolactam	12.61	113	35107	36.884	ng		98
36) 4-Chloro-3-methylphenol	12.95	107	140109	44.215	ng		93
37) 2-Methylnaphthalene	13.31	142	272471	43.936	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	185488	42.798	ng		98
40) Hexachlorocyclopentadiene	13.63	237	223094	87.807	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	106734	42.387	ng		97
43) 2,4,5-Trichlorophenol	13.99	196	126172	42.391	ng		98
45) 1,1'-Biphenyl	14.29	154	421042	45.803	ng		96
46) 2-Chloronaphthalene	14.35	162	311860	43.999	ng		98
47) 2-Nitroaniline	14.56	65	109811	41.363	ng		92
48) Acenaphthylene	15.18	152	527349	44.574	ng		99
49) Dimethylphthalate	14.87	163	454501	43.648	ng		99
50) 2,6-Dinitrotoluene	15.01	165	92660	43.520	ng	#	86
51) Acenaphthene	15.51	154	298743	39.171	ng		98
52) 3-Nitroaniline	15.38	138	42948	19.240	ng	#	86
53) 2,4-Dinitrophenol	15.57	184	58070	55.278	ng		95
54) Dibenzofuran	15.84	168	534207	47.419	ng		94
55) 4-Nitrophenol	15.68	139	111478	71.023	ng	#	83
56) 2,4-Dinitrotoluene	15.80	165	148244	47.288	ng		98
57) Fluorene	16.48	166	448513	46.732	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	120132	42.873	ng		91
59) Diethylphthalate	16.21	149	461171	45.610	ng		98
60) 4-Chlorophenyl-phenylether	16.46	204	253793	46.002	ng		98
61) 4-Nitroaniline	16.54	138	59036	26.117	ng	#	83
62) Azobenzene	16.75	77	464872	47.462	ng		96
64) 4,6-Dinitro-2-methylphenol	16.55	198	71308	36.691	ng		90
65) n-Nitrosodiphenylamine	16.68	169	410017	44.208	ng		98
66) 4-Bromophenyl-phenylether	17.35	248	168591	44.188	ng		95
67) Hexachlorobenzene	17.48	284	170815	42.422	ng		95
68) Atrazine	17.59	200	167866	44.666	ng		99
69) Pentachlorophenol	17.82	266	189845	68.694	ng		97
70) Phenanthrene	18.22	178	736600	43.536	ng		98
71) Anthracene	18.32	178	834316	48.701	ng		98
72) Carbazole	18.58	167	662322	43.629	ng		97
73) Di-n-butylphthalate	19.06	149	807744	45.714	ng	#	99
74) Fluoranthene	20.18	202	954642	45.595	ng		98
76) Benzidine	20.36	184	160341	18.599	ng		96
77) Pyrene	20.53	202	942377	44.449	ng		98
79) Butylbenzylphthalate	21.38	149	366120	46.796	ng		98
80) Benzo(a)anthracene	22.50	228	915539	45.230	ng		99
81) 3,3'-Dichlorobenzidine	22.39	252	148016	20.549	ng		99
82) Chrysene	22.58	228	890246	45.434	ng		99
83) Bis(2-ethylhexyl)phthalate	22.31	149	513681	47.628	ng		98
84) Di-n-octyl phthalate	23.69	149	880940	53.347	ng		100
85) Indeno(1,2,3-cd)pyrene	30.63	276	1046901	49.417	ng	#	95
87) Benzo(b)fluoranthene	25.06	252	872865	43.659	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	948948	46.930	ng	#	98
89) Benzo(a)pyrene	26.09	252	910055	47.399	ng	#	97
90) Dibenzo(a,h)anthracene	30.68	278	886820	49.035	ng		97
91) Benzo(g,h,i)perylene	31.99	276	874352	48.822	ng	#	96

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

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