Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
Data File : BG031871.D
Acq On : 2 Jan 2018 14:54
Operator : SJ/JU
Sample : PB105419BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105419BS

Manual Integrations APPROVED
Sohil
1/3/2018 10:25:13 AM

Quant Time: Jan 02 16:44:54 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	54572	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	229509	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	155016	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	384991	20.00	ng		-0.01
75) Chrysene-d12	22.50	240	442417	20.00	ng		-0.01
86) Perylene-d12	26.23	264	471802	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	497017	165.88	ng		0.00
7) Phenol-d6	7.89	99	631419	162.32	ng		0.00
23) Nitrobenzene-d5	9.99	82	340547	112.05	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	391905	165.69	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1178286	95.40	ng		0.00
78) Terphenyl-d14	20.68	244	1987172	102.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	39396	35.471	ng	#	74
3) Pyridine	4.31	79	118227	39.823	ng	#	74
4) n-Nitrosodimethylamine	4.22	42	49513	41.330	ng	#	73
6) Aniline	8.08	93	89666	17.916	ng		93
8) 2-Chlorophenol	8.34	128	167562	48.212	ng	#	82
9) Benzaldehyde	7.88	77	41001	17.504	ng	#	71
10) Phenol	7.92	94	190947	48.619	ng		92
11) bis(2-Chloroethyl)ether	8.17	93	133920	41.059	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	181683	42.095	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	184953	41.950	ng		95
14) 1,2-Dichlorobenzene	9.16	146	174589	41.792	ng		95
15) Benzyl Alcohol	9.02	79	134653	46.111	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	138357	52.089	ng		82
17) 2-Methylphenol	9.22	107	139521	49.650	ng		96
18) Hexachloroethane	9.91	117	56543	42.344	ng		89
19) n-Nitroso-di-n-propylamine	9.60	70	103223	38.855	ng	#	85
20) 3+4-Methylphenols	9.55	107	189922	47.553	ng		92
22) Acetophenone	9.63	105	229903	43.116	ng	#	86
24) Nitrobenzene	10.03	77	148805	47.504	ng	#	82
25) Isophorone	10.55	82	287229	43.899	ng	#	86
26) 2-Nitrophenol	10.76	139	95937	58.412	ng	#	80
27) 2,4-Dimethylphenol	10.79	122	176454	51.056	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	186245	42.423	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	202314	49.864	ng		90
30) 1,2,4-Trichlorobenzene	11.53	180	206800	41.744	ng		99
31) Naphthalene	11.73	128	500187	43.184	ng		99
32) Benzoic acid	10.91	122	97233	42.196	ng	#	76
33) 4-Chloroaniline	11.81	127	85604	16.600	ng	#	92
34) Hexachlorobutadiene	11.99	225	139454	41.004	ng		97
35) Caprolactam	12.57	113	61094	49.676	ng	#	49
36) 4-Chloro-3-methylphenol	12.88	107	178271	47.575	ng	#	82
37) 2-Methylnaphthalene	13.28	142	412251	43.904	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	277763	42.540	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	358932	104.204	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	180004	47.815	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	194382	46.593	ng	#	90
45) 1,1'-Biphenyl	14.26	154	583142	44.044	ng		95
46) 2-Chloronaphthalene	14.31	162	439040	43.475	ng		96
47) 2-Nitroaniline	14.49	65	94334	54.086	ng	#	58
48) Acenaphthylene	15.15	152	672959	41.653	ng		99
49) Dimethylphthalate	14.85	163	575834	42.166	ng		100
50) 2,6-Dinitrotoluene	14.97	165	127300	50.672	ng	#	66
51) Acenaphthene	15.48	154	482018	45.555	ng		99
52) 3-Nitroaniline	15.30	138	67194	27.415	ng	#	71
53) 2,4-Dinitrophenol	15.50	184	120180	109.496	ng	#	70
54) Dibenzofuran	15.81	168	698116	43.041	ng		99
55) 4-Nitrophenol	15.59	139	202755	101.637	ng	#	69
56) 2,4-Dinitrotoluene	15.75	165	181799	56.278	ng	#	63
57) Fluorene	16.46	166	554421	42.077	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	202456	49.739	ng	#	85
59) Diethylphthalate	16.19	149	552390	41.501	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	333672	41.387	ng		94
61) 4-Nitroaniline	16.46	138	109590	45.819	ng		78
62) Azobenzene	16.73	77	367601	43.064	ng		81
64) 4,6-Dinitro-2-methylphenol	16.51	198	91111	48.535	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	522080	40.831	ng		100
66) 4-Bromophenyl-phenylether	17.33	248	241521	43.383	ng		92
67) Hexachlorobenzene	17.45	284	253353	44.517	ng	#	91
68) Atrazine	17.57	200	227892	45.836	ng		98
69) Pentachlorophenol	17.79	266	326231	83.339	ng		97
70) Phenanthrene	18.19	178	941123	43.195	ng		99
71) Anthracene	18.28	178	966934	43.995	ng		99
72) Carbazole	18.54	167	862654	44.346	ng		99
73) Di-n-butylphthalate	19.05	149	949121	43.904	ng		99
74) Fluoranthene	20.15	202	1190041	44.515	ng		97
76) Benzidine	20.31	184	309702	22.680	ng		98
77) Pyrene	20.51	202	1210799	42.845	ng		97
79) Butylbenzylphthalate	21.37	149	423149	44.604	ng	#	76
80) Benzo(a)anthracene	22.47	228	1201600	42.697	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	248158	22.743	ng	#	96
82) Chrysene	22.55	228	1138614	42.761	ng		99
83) Bis(2-ethylhexyl)phthalate	22.32	149	590500	42.963	ng	#	98
84) Di-n-octyl phthalate	23.71	149	1005759	43.450	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.56	276	1530645	44.807	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	1293006	44.150	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1277443m	43.585	ng		
89) Benzo(a)pyrene	26.05	252	1240013	44.210	ng	#	98
90) Dibenzo(a,h)anthracene	30.65	278	1273275	43.954	ng	#	97
91) Benzo(g,h,i)perylene	30.56	276	1530645	44.754	ng	#	93

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

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