Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033383.D
Acq On : 28 Mar 2018 5:11
Operator : SJ/JU
Sample : PB107690BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107690BS

Manual Integrations APPROVED
Sohil
3/28/2018 4:58:29 PM

Quant Time: Mar 28 09:01:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	42485	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	173114	20.00	ng		-0.03
38) Acenaphthene-d10	15.48	164	129593	20.00	ng		-0.03
63) Phenanthrene-d10	18.22	188	341066	20.00	ng		-0.02
75) Chrysene-d12	22.56	240	353143	20.00	ng		-0.03
86) Perylene-d12	26.33	264	390914	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	244623	107.97	ng		-0.02
7) Phenol-d6	7.98	99	371444	95.41	ng		-0.02
23) Nitrobenzene-d5	10.07	82	345442	91.68	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	188175	97.09	ng		-0.03
44) 2-Fluorobiphenyl	14.12	172	849223	94.60	ng		-0.02
78) Terphenyl-d14	20.74	244	1458822	88.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	38028	33.050	ng		88
3) Pyridine	4.39	79	107809	33.895	ng		95
4) n-Nitrosodimethylamine	4.29	42	58198m	44.586	ng		
6) Aniline	8.16	93	81170	17.730	ng		99
8) 2-Chlorophenol	8.41	128	119460	46.120	ng		97
9) Benzaldehyde	7.96	77	62472m	25.251	ng		
10) Phenol	8.00	94	165795	43.136	ng		85
11) bis(2-Chloroethyl)ether	8.25	93	114951	36.641	ng		97
12) 1,3-Dichlorobenzene	8.75	146	121272	35.811	ng		97
13) 1,4-Dichlorobenzene	8.90	146	124619	36.745	ng		93
14) 1,2-Dichlorobenzene	9.23	146	119851	36.208	ng		94
15) Benzyl Alcohol	9.10	79	126533	41.282	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	179853	35.166	ng		85
17) 2-Methylphenol	9.30	107	109311m	41.748	ng		
18) Hexachloroethane	9.99	117	48752	37.245	ng		94
19) n-Nitroso-di-n-propylamine	9.67	70	103446	36.263	ng		97
20) 3+4-Methylphenols	9.63	107	154939	41.561	ng		91
22) Acetophenone	9.71	105	191116	40.297	ng	#	97
24) Nitrobenzene	10.11	77	161521	40.049	ng		95
25) Isophorone	10.63	82	304343	41.617	ng		100
26) 2-Nitrophenol	10.84	139	67389	44.135	ng	#	71
27) 2,4-Dimethylphenol	10.87	122	113090	50.984	ng		91
28) bis(2-Chloroethoxy)methane	11.11	93	163297	44.754	ng		96
29) 2,4-Dichlorophenol	11.38	162	126853	46.503	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	140869	39.747	ng		99
31) Naphthalene	11.80	128	361052	40.247	ng		97
32) Benzoic acid	11.00	122	75310	36.523	ng	#	86
33) 4-Chloroaniline	11.91	127	67870	16.887	ng		94
34) Hexachlorobutadiene	12.06	225	103366	38.567	ng		94
35) Caprolactam	12.65	113	45053	42.158	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	158975	44.683	ng		94
37) 2-Methylnaphthalene	13.35	142	278286	39.967	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	188777	40.215	ng		99
40) Hexachlorocyclopentadiene	13.68	237	247953	90.104	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	122158	44.790	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	147316	45.698	ng		99
45) 1,1'-Biphenyl	14.33	154	403620	40.539	ng		96
46) 2-Chloronaphthalene	14.39	162	311427	40.567	ng		99
47) 2-Nitroaniline	14.57	65	121761	42.346	ng		92
48) Acenaphthylene	15.21	152	501403	39.129	ng		99
49) Dimethylphthalate	14.91	163	449528	39.858	ng		100
50) 2,6-Dinitrotoluene	15.04	165	99509	43.151	ng		97
51) Acenaphthene	15.55	154	359953	43.575	ng		98
52) 3-Nitroaniline	15.38	138	51865	21.452	ng	#	96
53) 2,4-Dinitrophenol	15.58	184	87046	73.569	ng	#	81
54) Dibenzofuran	15.88	168	501491	41.100	ng		91
55) 4-Nitrophenol	15.66	139	157929	92.897	ng		93
56) 2,4-Dinitrotoluene	15.82	165	140532	41.389	ng		95
57) Fluorene	16.52	166	422099	40.606	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	140161	46.184	ng		96
59) Diethylphthalate	16.25	149	443561	40.503	ng		97
60) 4-Chlorophenyl-phenylether	16.50	204	244180	40.863	ng		99
61) 4-Nitroaniline	16.54	138	95001	38.803	ng		84
62) Azobenzene	16.79	77	430438	40.575	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	74339	36.434	ng		91
65) n-Nitrosodiphenylamine	16.71	169	388133	39.862	ng		98
66) 4-Bromophenyl-phenylether	17.39	248	162468	40.561	ng		98
67) Hexachlorobenzene	17.52	284	166858	39.472	ng		96
68) Atrazine	17.62	200	169134	42.866	ng		94
69) Pentachlorophenol	17.85	266	225527	77.730	ng		97
70) Phenanthrene	18.26	178	718202	40.433	ng		99
71) Anthracene	18.35	178	737859	41.026	ng		100
72) Carbazole	18.60	167	644963	40.468	ng		96
73) Di-n-butylphthalate	19.10	149	787039	42.427	ng	#	98
74) Fluoranthene	20.21	202	925660	42.112	ng		98
76) Benzidine	20.37	184	218046	22.768	ng		99
77) Pyrene	20.57	202	919085	39.023	ng		98
79) Butylbenzylphthalate	21.42	149	355126	40.859	ng		96
80) Benzo(a)anthracene	22.55	228	927594	41.251	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	201747	25.213	ng	#	98
82) Chrysene	22.62	228	885681	40.689	ng		96
83) Bis(2-ethylhexyl)phthalate	22.36	149	497821	41.550	ng		99
84) Di-n-octyl phthalate	23.76	149	858173	46.781	ng		98
85) Indeno(1,2,3-cd)pyrene	30.72	276	1068304	45.393	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	912173	40.389	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	930878	40.753	ng	#	97
89) Benzo(a)pyrene	26.16	252	912923	42.091	ng	#	96
90) Dibenzo(a,h)anthracene	30.79	278	888722	43.500	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	871428	43.074	ng	#	95

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

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