Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032074.D
Acq On : 16 Jan 2018 18:00
Operator : SJ/JU
Sample : PB105704BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105704BS

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:09 AM

Quant Time: Jan 17 01:21:48 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	48701	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	198080	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	139013	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	363898	20.00	ng		0.00
75) Chrysene-d12	22.47	240	441732	20.00	ng		-0.01
86) Perylene-d12	26.19	264	487710	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	331202	124.38	ng		0.00
7) Phenol-d6	7.87	99	413470	123.29	ng		0.00
23) Nitrobenzene-d5	9.97	82	240455	82.13	ng		0.00
41) 2,4,6-Tribromophenol	16.87	330	286635	124.61	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	844419	75.32	ng		0.00
78) Terphenyl-d14	20.66	244	1639909	81.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	30226	29.546	ng	#	79
3) Pyridine	4.30	79	85696	31.383	ng	#	84
4) n-Nitrosodimethylamine	4.21	42	44390	46.272	ng	#	90
6) Aniline	8.06	93	72963	17.249	ng		94
8) 2-Chlorophenol	8.31	128	124591	41.814	ng	#	82
9) Benzaldehyde	7.87	77	16239	8.357	ng		81
10) Phenol	7.90	94	139762	42.306	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	98642	37.270	ng	#	84
12) 1,3-Dichlorobenzene	8.65	146	142214m	36.467	ng		
13) 1,4-Dichlorobenzene	8.80	146	144874	36.896	ng		95
14) 1,2-Dichlorobenzene	9.14	146	137210	36.129	ng		94
15) Benzyl Alcohol	9.00	79	100938	41.431	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.30	45	100717	37.445	ng		79
17) 2-Methylphenol	9.20	107	99851	39.550	ng		98
18) Hexachloroethane	9.89	117	46746	38.737	ng	#	84
19) n-Nitroso-di-n-propylamine	9.58	70	77255	37.128	ng	#	84
20) 3+4-Methylphenols	9.53	107	135170	38.647	ng		96
22) Acetophenone	9.61	105	173475	38.555	ng	#	88
24) Nitrobenzene	10.01	77	116844	40.009	ng	#	85
25) Isophorone	10.53	82	219861	40.329	ng	#	85
26) 2-Nitrophenol	10.73	139	73437	42.438	ng	#	81
27) 2,4-Dimethylphenol	10.77	122	126299	45.993	ng		91
28) bis(2-Chloroethoxy)methane	11.01	93	132824	40.438	ng		96
29) 2,4-Dichlorophenol	11.28	162	146202	43.268	ng		88
30) 1,2,4-Trichlorobenzene	11.50	180	166089	38.061	ng		97
31) Naphthalene	11.70	128	368275	37.532	ng		97
32) Benzoic acid	10.88	122	74742	35.470	ng	#	79
33) 4-Chloroaniline	11.79	127	69856	16.602	ng	#	92
34) Hexachlorobutadiene	11.97	225	119712	38.194	ng		97
35) Caprolactam	12.55	113	47768	46.599	ng	#	50
36) 4-Chloro-3-methylphenol	12.87	107	138117	44.657	ng	#	83
37) 2-Methylnaphthalene	13.26	142	306585	39.355	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	231517	38.207	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	303705	88.986	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	143305	42.090	ng		96
43) 2,4,5-Trichlorophenol	13.91	196	158847	40.306	ng	#	92
45) 1,1'-Biphenyl	14.24	154	437002	36.670	ng		95
46) 2-Chloronaphthalene	14.29	162	335366	36.174	ng		96
47) 2-Nitroaniline	14.48	65	77765	43.816	ng	#	67
48) Acenaphthylene	15.13	152	505684	35.819	ng		99
49) Dimethylphthalate	14.83	163	458591	37.698	ng	#	99
50) 2,6-Dinitrotoluene	14.95	165	103436	40.965	ng	#	71
51) Acenaphthene	15.46	154	368138	39.436	ng		98
52) 3-Nitroaniline	15.29	138	53298	23.371	ng	#	74
53) 2,4-Dinitrophenol	15.48	184	92906	73.928	ng	#	83
54) Dibenzofuran	15.79	168	544753	39.118	ng		99
55) 4-Nitrophenol	15.56	139	157207	94.590	ng	#	77
56) 2,4-Dinitrotoluene	15.73	165	149874	44.088	ng	#	66
57) Fluorene	16.44	166	441704	38.674	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	168362	46.181	ng	#	85
59) Diethylphthalate	16.17	149	454856	38.569	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	277439	39.599	ng		92
61) 4-Nitroaniline	16.44	138	87936	40.197	ng		91
62) Azobenzene	16.70	77	296300	40.141	ng		86
64) 4,6-Dinitro-2-methylphenol	16.49	198	82576	36.729	ng	#	67
65) n-Nitrosodiphenylamine	16.62	169	413322	37.431	ng		99
66) 4-Bromophenyl-phenylether	17.30	248	197691	38.182	ng		94
67) Hexachlorobenzene	17.43	284	203788	35.576	ng	#	92
68) Atrazine	17.55	200	197438	42.517	ng		95
69) Pentachlorophenol	17.77	266	277117	75.686	ng		99
70) Phenanthrene	18.17	178	776583	38.330	ng		99
71) Anthracene	18.27	178	799938	39.586	ng		99
72) Carbazole	18.52	167	691134	39.426	ng		99
73) Di-n-butylphthalate	19.03	149	798258	38.537	ng		100
74) Fluoranthene	20.14	202	1034517	40.782	ng		94
76) Benzidine	20.29	184	306978	27.791	ng		98
77) Pyrene	20.49	202	1050967	37.847	ng		98
79) Butylbenzylphthalate	21.35	149	365706	36.757	ng	#	78
80) Benzo(a)anthracene	22.45	228	1081174	39.356	ng		99
81) 3,3'-Dichlorobenzidine	22.33	252	227591	22.178	ng	#	98
82) Chrysene	22.52	228	1016872	38.543	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	518511	35.539	ng	#	98
84) Di-n-octyl phthalate	23.67	149	894362	38.597	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1278103	39.586	ng	#	88
87) Benzo(b)fluoranthene	24.99	252	1139662	38.660	ng	#	95
88) Benzo(k)fluoranthene	25.07	252	1128819	39.187	ng	#	96
89) Benzo(a)pyrene	26.01	252	1095925	39.299	ng	#	97
90) Dibenzo(a,h)anthracene	30.57	278	1047313	38.973	ng	#	96
91) Benzo(g,h,i)perylene	31.85	276	1085171	39.509	ng	#	92

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

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