Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032272.D
Acq On : 24 Jan 2018 22:11
Operator : SJ/JU
Sample : PB105928BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105928BS

Manual Integrations APPROVED
Sohil
1/25/2018 5:33:42 PM

Quant Time: Jan 25 04:52:08 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	35537	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	148342	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	106555	20.00	ng		0.00
63) Phenanthrene-d10	18.10	188	301658	20.00	ng		0.00
75) Chrysene-d12	22.43	240	380214	20.00	ng		0.00
86) Perylene-d12	26.11	264	406088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	211527	108.86	ng		0.00
7) Phenol-d6	7.84	99	258939	105.81	ng		0.00
23) Nitrobenzene-d5	9.92	82	155648	70.99	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	194946	110.56	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	563897	65.62	ng		0.00
78) Terphenyl-d14	20.63	244	1203292	69.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	21198	28.397	ng	#	73
3) Pyridine	4.26	79	55032	27.619	ng		88
4) n-Nitrosodimethylamine	4.17	42	33176	47.393	ng	#	74
6) Aniline	8.01	93	24417	7.910	ng	#	95
8) 2-Chlorophenol	8.27	128	83144	38.240	ng	#	78
9) Benzaldehyde	7.83	77	38136	26.897	ng		91
10) Phenol	7.86	94	93248	38.682	ng		92
11) bis(2-Chloroethyl)ether	8.11	93	61641	31.917	ng	#	80
12) 1,3-Dichlorobenzene	8.61	146	95327m	33.499	ng		
13) 1,4-Dichlorobenzene	8.76	146	97013	33.859	ng		96
14) 1,2-Dichlorobenzene	9.10	146	91148	32.891	ng		95
15) Benzyl Alcohol	8.96	79	73812	41.520	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	59024	30.073	ng		75
17) 2-Methylphenol	9.16	107	64640	35.087	ng		92
18) Hexachloroethane	9.84	117	32863	37.320	ng	#	77
19) n-Nitroso-di-n-propylamine	9.54	70	50950	33.556	ng	#	90
20) 3+4-Methylphenols	9.50	107	88961	34.858	ng		91
22) Acetophenone	9.57	105	113657	33.730	ng	#	90
24) Nitrobenzene	9.97	77	80140	36.642	ng	#	90
25) Isophorone	10.49	82	142593	34.925	ng	#	84
26) 2-Nitrophenol	10.69	139	47694	36.803	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	80047	38.924	ng		91
28) bis(2-Chloroethoxy)methane	10.97	93	84212	34.234	ng		99
29) 2,4-Dichlorophenol	11.23	162	101891	40.265	ng		94
30) 1,2,4-Trichlorobenzene	11.46	180	113598	34.760	ng		98
31) Naphthalene	11.66	128	244773	33.309	ng		99
32) Benzoic acid	10.84	122	45607	29.874	ng		87
33) 4-Chloroaniline	11.75	127	25514	8.097	ng	#	88
34) Hexachlorobutadiene	11.93	225	84006	35.789	ng		97
35) Caprolactam	12.50	113	29397	38.293	ng	#	52
36) 4-Chloro-3-methylphenol	12.83	107	93237	40.254	ng		85
37) 2-Methylnaphthalene	13.22	142	202049	34.632	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	160269	34.506	ng	#	95
40) Hexachlorocyclopentadiene	13.55	237	217294	83.061	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	97437	37.335	ng		91
43) 2,4,5-Trichlorophenol	13.88	196	112245	37.157	ng	#	92
45) 1,1'-Biphenyl	14.20	154	292416	32.012	ng		97
46) 2-Chloronaphthalene	14.25	162	229854	32.345	ng		97
47) 2-Nitroaniline	14.44	65	54982	40.416	ng	#	79
48) Acenaphthylene	15.09	152	347646	32.126	ng		99
49) Dimethylphthalate	14.79	163	315734	33.861	ng	#	97
50) 2,6-Dinitrotoluene	14.92	165	70841	36.602	ng	#	75
51) Acenaphthene	15.42	154	276613	38.657	ng		96
52) 3-Nitroaniline	15.25	138	23738	13.580	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	96018	97.253	ng	#	66
54) Dibenzofuran	15.75	168	376010	35.226	ng		99
55) 4-Nitrophenol	15.54	139	109120	85.656	ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	105852	40.623	ng	#	67
57) Fluorene	16.40	166	308162	35.201	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	118496	42.404	ng	#	86
59) Diethylphthalate	16.13	149	315216	34.871	ng		95
60) 4-Chlorophenyl-phenylether	16.38	204	195594	36.422	ng		92
61) 4-Nitroaniline	16.40	138	52547	31.337	ng		88
62) Azobenzene	16.67	77	198780	35.133	ng	#	85
64) 4,6-Dinitro-2-methylphenol	16.45	198	68467	36.736	ng	#	71
65) n-Nitrosodiphenylamine	16.59	169	288387	31.505	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	144064	33.565	ng		94
67) Hexachlorobenzene	17.40	284	148901	31.358	ng	#	91
68) Atrazine	17.51	200	138489	35.976	ng		98
69) Pentachlorophenol	17.73	266	197510	65.074	ng		98
70) Phenanthrene	18.14	178	556813	33.153	ng		99
71) Anthracene	18.23	178	571618	34.124	ng		98
72) Carbazole	18.48	167	498912	34.333	ng		99
73) Di-n-butylphthalate	19.00	149	563752	32.832	ng		99
74) Fluoranthene	20.10	202	771851	36.705	ng		95
76) Benzidine	20.26	184	118751	12.490	ng		100
77) Pyrene	20.46	202	779745	32.623	ng		98
79) Butylbenzylphthalate	21.32	149	261896	30.582	ng	#	77
80) Benzo(a)anthracene	22.40	228	824548	34.871	ng		100
81) 3,3'-Dichlorobenzidine	22.29	252	143016	16.191	ng	#	97
82) Chrysene	22.48	228	774072	34.087	ng		99
83) Bis(2-ethylhexyl)phthalate	22.25	149	363538	28.949	ng	#	98
84) Di-n-octyl phthalate	23.61	149	634481	31.812	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.37	276	1018377	36.645	ng	#	90
87) Benzo(b)fluoranthene	24.93	252	869395	35.419	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	846632	35.298	ng	#	96
89) Benzo(a)pyrene	25.93	252	842225	36.272	ng	#	95
90) Dibenzo(a,h)anthracene	30.45	278	847636	37.883	ng	#	96
91) Benzo(g,h,i)perylene	31.73	276	848298	37.093	ng	#	91

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

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