Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030730.D
Acq On : 4 Nov 2017 11:07
Operator : SJ/JU
Sample : PB103961BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103961BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:55 PM

Quant Time: Nov 04 11:23:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56050	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	254625	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	183284	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	453496	20.00	ng		0.00
75) Chrysene-d12	21.78	240	496361	20.00	ng		0.00
86) Perylene-d12	25.08	264	505385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	388892	115.91	ng		0.00
7) Phenol-d6	7.31	99	531086	112.77	ng		0.00
23) Nitrobenzene-d5	9.32	82	297884	74.34	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	286720	121.16	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	886940	70.97	ng		0.00
78) Terphenyl-d14	20.10	244	1528689	70.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	45147	33.164	ng		88
3) Pyridine	3.97	79	120961	30.513	ng		89
4) n-Nitrosodimethylamine	3.88	42	57872	31.230	ng	#	96
6) Aniline	7.47	93	95874	16.440	ng		93
8) 2-Chlorophenol	7.71	128	141760	36.861	ng		89
9) Benzaldehyde	7.29	77	53752	22.692	ng		86
10) Phenol	7.34	94	191280	37.674	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	130054	35.157	ng		93
12) 1,3-Dichlorobenzene	8.04	146	145437	33.684	ng		98
13) 1,4-Dichlorobenzene	8.19	146	150710	34.188	ng		94
14) 1,2-Dichlorobenzene	8.51	146	141939	33.382	ng		99
15) Benzyl Alcohol	8.38	79	124623	37.550	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.68	45	204157	32.497	ng		94
17) 2-Methylphenol	8.60	107	126384	37.471	ng		96
18) Hexachloroethane	9.24	117	51596	34.345	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	106773	33.343	ng	#	95
20) 3+4-Methylphenols	8.92	107	180661	38.015	ng		95
22) Acetophenone	8.97	105	205996	33.570	ng	#	93
24) Nitrobenzene	9.36	77	154260	34.241	ng		89
25) Isophorone	9.88	82	297443	35.559	ng	#	93
26) 2-Nitrophenol	10.07	139	77633	36.054	ng	#	88
27) 2,4-Dimethylphenol	10.13	122	147463	37.852	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	188765	36.802	ng		96
29) 2,4-Dichlorophenol	10.61	162	164567	39.613	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	163661	36.465	ng		98
31) Naphthalene	11.02	128	443900	34.980	ng		98
32) Benzoic acid	10.26	122	87872	26.938	ng		87
33) 4-Chloroaniline	11.12	127	70753	13.255	ng		96
34) Hexachlorobutadiene	11.30	225	99657	35.713	ng		96
35) Caprolactam	11.88	113	58617m	42.455	ng		
36) 4-Chloro-3-methylphenol	12.23	107	172767	37.812	ng		90
37) 2-Methylnaphthalene	12.61	142	356343	38.529	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	202342	30.238	ng		98
40) Hexachlorocyclopentadiene	12.95	237	182712	72.538	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	147533	35.121	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	162717	37.717	ng		96
45) 1,1'-Biphenyl	13.61	154	490663	31.145	ng		97
46) 2-Chloronaphthalene	13.65	162	383274	33.354	ng		96
47) 2-Nitroaniline	13.85	65	114330	36.223	ng	#	84
48) Acenaphthylene	14.49	152	623468	34.668	ng		99
49) Dimethylphthalate	14.21	163	523210	36.587	ng		99
50) 2,6-Dinitrotoluene	14.34	165	118398	39.495	ng	#	78
51) Acenaphthene	14.83	154	382091	32.654	ng		100
52) 3-Nitroaniline	14.67	138	68809	21.271	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	124152	75.605	ng	#	51
54) Dibenzofuran	15.16	168	639016	38.255	ng		98
55) 4-Nitrophenol	14.98	139	195810	73.423	ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	171381	42.232	ng	#	77
57) Fluorene	15.81	166	504732	36.577	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	158454	44.024	ng	#	92
59) Diethylphthalate	15.57	149	526938	36.974	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	289254	39.315	ng		94
61) 4-Nitroaniline	15.83	138	128923	38.813	ng		88
62) Azobenzene	16.09	77	466398	38.808	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	84018	34.185	ng		82
65) n-Nitrosodiphenylamine	16.01	169	464728	34.209	ng		97
66) 4-Bromophenyl-phenylether	16.69	248	188616	36.246	ng		98
67) Hexachlorobenzene	16.82	284	204576	34.706	ng		96
68) Atrazine	16.95	200	184446	38.052	ng		98
69) Pentachlorophenol	17.16	266	227767	67.266	ng		98
70) Phenanthrene	17.55	178	855441	36.514	ng		98
71) Anthracene	17.64	178	868462	36.917	ng		99
72) Carbazole	17.91	167	801019	35.446	ng		99
73) Di-n-butylphthalate	18.45	149	937948	36.088	ng		99
74) Fluoranthene	19.55	202	1078000	39.340	ng		97
76) Benzidine	19.72	184	308740	20.601	ng		97
77) Pyrene	19.91	202	1106982	36.764	ng		97
79) Butylbenzylphthalate	20.78	149	440876	34.368	ng		88
80) Benzo(a)anthracene	21.76	228	1107290	37.996	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	240721	20.012	ng		97
82) Chrysene	21.83	228	1047776	37.542	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	629290	34.181	ng		100
84) Di-n-octyl phthalate	22.88	149	1063798	33.155	ng		95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1323242	38.539	ng		98
87) Benzo(b)fluoranthene	24.03	252	1120066	38.712	ng		100
88) Benzo(k)fluoranthene	24.10	252	1096274	38.032	ng		98
89) Benzo(a)pyrene	24.93	252	1089098	39.154	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1101207	39.105	ng		96
91) Benzo(g,h,i)perylene	30.05	276	1095257	41.860	ng		98

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

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