Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030714.D
Acq On : 4 Nov 2017 00:01
Operator : SJ/JU
Sample : PB103952BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103952BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:43 PM

Quant Time: Nov 03 23:50:01 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	58784	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	269137	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	190792	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	489984	20.00	ng		0.00
75) Chrysene-d12	21.78	240	521915	20.00	ng		0.00
86) Perylene-d12	25.08	264	527159	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	438964	124.75	ng		0.00
7) Phenol-d6	7.31	99	592958	120.05	ng		0.00
23) Nitrobenzene-d5	9.32	82	336457	79.44	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	320490	130.10	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	965833	74.25	ng		0.00
78) Terphenyl-d14	20.10	244	1688135	73.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	49031	34.342	ng		86
3) Pyridine	3.97	79	132335	31.829	ng		97
4) n-Nitrosodimethylamine	3.89	42	64976	33.433	ng	#	94
6) Aniline	7.47	93	152246	24.892	ng		95
8) 2-Chlorophenol	7.72	128	149279	37.011	ng		93
9) Benzaldehyde	7.28	77	59052	23.770	ng		90
10) Phenol	7.34	94	202947	38.112	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	137488	35.438	ng		90
12) 1,3-Dichlorobenzene	8.04	146	155617	34.365	ng		97
13) 1,4-Dichlorobenzene	8.19	146	159749	34.553	ng		96
14) 1,2-Dichlorobenzene	8.51	146	150740	33.803	ng		94
15) Benzyl Alcohol	8.39	79	132520	38.072	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	218275	33.129	ng		95
17) 2-Methylphenol	8.59	107	138465	39.144	ng		95
18) Hexachloroethane	9.24	117	55190	35.029	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	110886	33.017	ng	#	96
20) 3+4-Methylphenols	8.92	107	190546	38.230	ng		94
22) Acetophenone	8.97	105	216602	33.395	ng	#	92
24) Nitrobenzene	9.36	77	166808	35.029	ng	#	93
25) Isophorone	9.88	82	317521	35.912	ng	#	94
26) 2-Nitrophenol	10.07	139	84872	37.291	ng	#	89
27) 2,4-Dimethylphenol	10.13	122	156421	37.987	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	202433	37.339	ng		95
29) 2,4-Dichlorophenol	10.61	162	178503	40.651	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	173966	36.671	ng		98
31) Naphthalene	11.02	128	473210	35.279	ng		98
32) Benzoic acid	10.26	122	93392	27.087	ng		90
33) 4-Chloroaniline	11.12	127	127389	22.578	ng		95
34) Hexachlorobutadiene	11.30	225	106186	36.001	ng		96
35) Caprolactam	11.88	113	63690m	43.642	ng		
36) 4-Chloro-3-methylphenol	12.24	107	187063	38.733	ng	#	91
37) 2-Methylnaphthalene	12.61	142	384029	39.283	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	212866	30.559	ng		98
40) Hexachlorocyclopentadiene	12.95	237	227841	85.973	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	155939	35.661	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	176101	39.213	ng		94
45) 1,1'-Biphenyl	13.60	154	519431	31.674	ng		97
46) 2-Chloronaphthalene	13.65	162	405686	33.915	ng		97
47) 2-Nitroaniline	13.85	65	123387	37.554	ng	#	82
48) Acenaphthylene	14.50	152	662127	35.369	ng		99
49) Dimethylphthalate	14.22	163	544118	36.552	ng		98
50) 2,6-Dinitrotoluene	14.34	165	124976	40.049	ng	#	79
51) Acenaphthene	14.83	154	410054	33.665	ng		99
52) 3-Nitroaniline	14.67	138	96042	28.522	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	136094	79.264	ng	#	50
54) Dibenzofuran	15.17	168	668240	38.430	ng		98
55) 4-Nitrophenol	14.98	139	210068	75.670	ng	#	78
56) 2,4-Dinitrotoluene	15.13	165	180998	42.846	ng	#	76
57) Fluorene	15.81	166	530968	36.964	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	170454	45.494	ng	#	92
59) Diethylphthalate	15.57	149	557405	37.573	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	298332	38.953	ng		94
61) 4-Nitroaniline	15.83	138	138347	40.011	ng		82
62) Azobenzene	16.09	77	490293	39.191	ng		97
64) 4,6-Dinitro-2-methylphenol	15.89	198	94881	35.505	ng		79
65) n-Nitrosodiphenylamine	16.01	169	493159	33.599	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	198180	35.248	ng		99
67) Hexachlorobenzene	16.82	284	213921	33.589	ng		97
68) Atrazine	16.95	200	196139	37.451	ng		98
69) Pentachlorophenol	17.16	266	246632	67.413	ng		97
70) Phenanthrene	17.55	178	911511	36.010	ng		98
71) Anthracene	17.64	178	934723	36.775	ng		99
72) Carbazole	17.91	167	865996	35.468	ng		99
73) Di-n-butylphthalate	18.45	149	993376	35.375	ng		99
74) Fluoranthene	19.55	202	1137929	38.435	ng		97
76) Benzidine	19.72	184	493542	31.319	ng		98
77) Pyrene	19.91	202	1165716	36.819	ng		96
79) Butylbenzylphthalate	20.78	149	468579	34.739	ng		87
80) Benzo(a)anthracene	21.76	228	1142834	37.295	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	306643	24.245	ng		98
82) Chrysene	21.83	228	1080518	36.820	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	654940	33.833	ng		99
84) Di-n-octyl phthalate	22.88	149	1104315	32.732	ng		95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1340614	37.133	ng		98
87) Benzo(b)fluoranthene	24.03	252	1143346	37.884	ng		100
88) Benzo(k)fluoranthene	24.10	252	1134812	37.742	ng		100
89) Benzo(a)pyrene	24.93	252	1120191	38.609	ng		100
90) Dibenzo(a,h)anthracene	28.92	278	1122666	38.220	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1111762	40.736	ng		98

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

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