Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031399.D
Acq On : 7 Dec 2017 15:24
Operator : SJ/JU
Sample : PB104796BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104796BS

Manual Integrations APPROVED
Sohil
12/8/2017 11:13:36 AM

Quant Time: Dec 07 20:04:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	50315	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	225817	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	158881	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	442624	20.00	ng		0.00
75) Chrysene-d12	21.77	240	500369	20.00	ng		0.00
86) Perylene-d12	25.07	264	499328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	362359	123.49	ng		0.00
7) Phenol-d6	7.30	99	479737	121.36	ng		0.00
23) Nitrobenzene-d5	9.29	82	278838	73.17	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	234182	91.12	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	819832	74.14	ng		0.00
78) Terphenyl-d14	20.09	244	1611737	71.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	36479	30.636	ng	#	83
3) Pyridine	3.94	79	106036	30.674	ng		91
4) n-Nitrosodimethylamine	3.85	42	57715	35.228	ng	#	88
6) Aniline	7.45	93	97067	18.658	ng		93
8) 2-Chlorophenol	7.69	128	133309	41.169	ng		87
9) Benzaldehyde	7.26	77	44666	16.147	ng		87
10) Phenol	7.32	94	171794	41.848	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	119456	36.444	ng		89
12) 1,3-Dichlorobenzene	8.01	146	139689	36.769	ng		95
13) 1,4-Dichlorobenzene	8.16	146	140758	36.562	ng		98
14) 1,2-Dichlorobenzene	8.48	146	134990	36.532	ng		97
15) Benzyl Alcohol	8.36	79	113479	35.788	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	187307	51.734	ng		95
17) 2-Methylphenol	8.58	107	114816	40.163	ng		95
18) Hexachloroethane	9.21	117	51516	38.447	ng		100
19) n-Nitroso-di-n-propylamine	8.93	70	99552	33.122	ng	#	95
20) 3+4-Methylphenols	8.91	107	161637	39.763	ng		97
22) Acetophenone	8.95	105	184701	32.850	ng	#	92
24) Nitrobenzene	9.33	77	145699	37.428	ng		92
25) Isophorone	9.86	82	276759	37.238	ng	#	91
26) 2-Nitrophenol	10.05	139	76177	37.542	ng		91
27) 2,4-Dimethylphenol	10.11	122	135804	45.082	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	174449	37.268	ng		95
29) 2,4-Dichlorophenol	10.60	162	149471	41.321	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	158931	36.801	ng		95
31) Naphthalene	10.99	128	403175	36.319	ng		99
32) Benzoic acid	10.26	122	59847	26.702	ng		90
33) 4-Chloroaniline	11.11	127	71408	14.694	ng		95
34) Hexachlorobutadiene	11.27	225	103336	34.502	ng		99
35) Caprolactam	11.88	113	60477m	40.927	ng		
36) 4-Chloro-3-methylphenol	12.22	107	159343	40.473	ng		88
37) 2-Methylnaphthalene	12.59	142	321539	37.521	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	194033	30.770	ng		98
40) Hexachlorocyclopentadiene	12.92	237	169001	73.468	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	138158	38.325	ng		100
43) 2,4,5-Trichlorophenol	13.28	196	150884	38.255	ng	#	94
45) 1,1'-Biphenyl	13.58	154	425791	32.318	ng		97
46) 2-Chloronaphthalene	13.63	162	351369	36.964	ng		97
47) 2-Nitroaniline	13.84	65	109694	38.933	ng	#	84
48) Acenaphthylene	14.48	152	549451	35.316	ng		98
49) Dimethylphthalate	14.20	163	499702	36.375	ng		97
50) 2,6-Dinitrotoluene	14.32	165	113774	40.182	ng	#	80
51) Acenaphthene	14.82	154	340589	35.052	ng		99
52) 3-Nitroaniline	14.66	138	54756	18.212	ng	#	83
53) 2,4-Dinitrophenol	14.87	184	116190	74.985	ng	#	50
54) Dibenzofuran	15.14	168	567972	36.698	ng		98
55) 4-Nitrophenol	14.99	139	167891	78.392	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	165614	40.458	ng	#	74
57) Fluorene	15.80	166	459787	36.592	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	148941	39.621	ng	#	92
59) Diethylphthalate	15.55	149	512868	36.754	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	275226	36.268	ng		92
61) 4-Nitroaniline	15.82	138	121130	38.048	ng		86
62) Azobenzene	16.07	77	413897	38.892	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	93608	31.817	ng		78
65) n-Nitrosodiphenylamine	16.00	169	438764	32.713	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	186207	33.216	ng		98
67) Hexachlorobenzene	16.80	284	182819	30.692	ng		97
68) Atrazine	16.94	200	197578	35.703	ng		98
69) Pentachlorophenol	17.15	266	186373	56.602	ng		98
70) Phenanthrene	17.54	178	826248	35.852	ng		99
71) Anthracene	17.62	178	847168	36.686	ng		100
72) Carbazole	17.89	167	790748	36.546	ng		98
73) Di-n-butylphthalate	18.43	149	939352	35.358	ng		99
74) Fluoranthene	19.54	202	1113524	38.161	ng		97
76) Benzidine	19.71	184	389068	24.206	ng		98
77) Pyrene	19.90	202	1132772	38.151	ng		98
79) Butylbenzylphthalate	20.76	149	433301	36.601	ng		86
80) Benzo(a)anthracene	21.75	228	1123577	36.150	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	238453	19.006	ng		97
82) Chrysene	21.81	228	1063418	36.987	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	612594	35.847	ng		97
84) Di-n-octyl phthalate	22.85	149	1043074	37.501	ng		96
85) Indeno(1,2,3-cd)pyrene	28.88	276	1215127	34.765	ng		99
87) Benzo(b)fluoranthene	24.02	252	1131323	37.456	ng		98
88) Benzo(k)fluoranthene	24.09	252	1066676	35.629	ng		98
89) Benzo(a)pyrene	24.92	252	1077827	37.563	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1012960	34.539	ng		98
91) Benzo(g,h,i)perylene	30.06	276	1022059	35.906	ng		98

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

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