Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031497.D
Acq On : 12 Dec 2017 18:17
Operator : SJ/JU
Sample : PB104933BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104933BS

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:29 PM

Quant Time: Dec 13 06:36:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60587	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	264048	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	180488	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	458979	20.00	ng		0.00
75) Chrysene-d12	21.75	240	506419	20.00	ng		0.00
86) Perylene-d12	25.03	264	502460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	640985	187.53	ng		0.00
7) Phenol-d6	7.28	99	808741	170.43	ng		0.01
23) Nitrobenzene-d5	9.28	82	476983	111.34	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	379684	179.56	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1335248	108.59	ng		0.00
78) Terphenyl-d14	20.07	244	2316587	104.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	73732	45.209	ng	#	83
3) Pyridine	3.92	79	195821	45.603	ng		93
4) n-Nitrosodimethylamine	3.83	42	97869	48.388	ng	#	94
6) Aniline	7.43	93	155699	24.915	ng		94
8) 2-Chlorophenol	7.68	128	223228	58.548	ng		90
9) Benzaldehyde	7.24	77	158551	57.645	ng		92
10) Phenol	7.31	94	280650	57.574	ng		95
11) bis(2-Chloroethyl)ether	7.52	93	202177	50.817	ng		91
12) 1,3-Dichlorobenzene	7.99	146	238816	52.671	ng		94
13) 1,4-Dichlorobenzene	8.14	146	240624	51.063	ng		95
14) 1,2-Dichlorobenzene	8.46	146	228541	50.913	ng		96
15) Benzyl Alcohol	8.35	79	192117	51.756	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	301475	67.449	ng		90
17) 2-Methylphenol	8.56	107	189349	56.984	ng		96
18) Hexachloroethane	9.19	117	82789	52.120	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	159848	42.799	ng	#	97
20) 3+4-Methylphenols	8.89	107	261193	52.766	ng		97
22) Acetophenone	8.93	105	331349	52.309	ng	#	93
24) Nitrobenzene	9.32	77	239808	54.628	ng	#	92
25) Isophorone	9.84	82	447986	55.334	ng	#	93
26) 2-Nitrophenol	10.03	139	126284	58.177	ng		91
27) 2,4-Dimethylphenol	10.09	122	215935	65.485	ng		93
28) bis(2-Chloroethoxy)methane	10.31	93	279598	53.493	ng		97
29) 2,4-Dichlorophenol	10.58	162	246284	63.394	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	263026	53.002	ng		98
31) Naphthalene	10.97	128	664681	51.240	ng		100
32) Benzoic acid	10.27	122	101582	50.749	ng	#	79
33) 4-Chloroaniline	11.10	127	36896	6.551	ng		94
34) Hexachlorobutadiene	11.25	225	172206	52.315	ng		96
35) Caprolactam	11.87	113	89725m	58.816	ng		
36) 4-Chloro-3-methylphenol	12.21	107	245732	55.413	ng		89
37) 2-Methylnaphthalene	12.57	142	518391	51.613	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	344487	48.836	ng		97
40) Hexachlorocyclopentadiene	12.91	237	286367	103.455	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	212483	58.959	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	224253	57.765	ng	#	93
45) 1,1'-Biphenyl	13.57	154	733392	49.473	ng		95
46) 2-Chloronaphthalene	13.62	162	569589	52.496	ng		96
47) 2-Nitroaniline	13.82	65	158803	52.086	ng	#	81
48) Acenaphthylene	14.46	152	862401	49.397	ng		98
49) Dimethylphthalate	14.18	163	763702	51.109	ng		98
50) 2,6-Dinitrotoluene	14.31	165	174955	54.778	ng	#	79
51) Acenaphthene	14.80	154	536676	48.616	ng		99
52) 3-Nitroaniline	14.64	138	46672	14.335	ng	#	83
53) 2,4-Dinitrophenol	14.86	184	175313	125.702	ng	#	49
54) Dibenzofuran	15.13	168	880571	49.988	ng		99
55) 4-Nitrophenol	14.97	139	247498	111.062	ng	#	84
56) 2,4-Dinitrotoluene	15.10	165	250608	55.244	ng	#	77
57) Fluorene	15.78	166	713760	50.568	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	226320	62.021	ng	#	89
59) Diethylphthalate	15.54	149	761419	50.836	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	418846	48.502	ng		93
61) 4-Nitroaniline	15.81	138	175903	51.484	ng		92
62) Azobenzene	16.05	77	629792	50.760	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	133021	47.894	ng		80
65) n-Nitrosodiphenylamine	15.98	169	671342	49.972	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	284701	53.343	ng		99
67) Hexachlorobenzene	16.78	284	286208	51.932	ng		96
68) Atrazine	16.92	200	294977	60.049	ng		96
69) Pentachlorophenol	17.14	266	257113	95.847	ng		97
70) Phenanthrene	17.52	178	1211342	50.534	ng		97
71) Anthracene	17.61	178	1263684	53.304	ng		99
72) Carbazole	17.88	167	1151385	53.668	ng		98
73) Di-n-butylphthalate	18.42	149	1331853	53.757	ng		99
74) Fluoranthene	19.52	202	1563494	52.119	ng		97
76) Benzidine	19.69	184	534336	45.339	ng		98
77) Pyrene	19.88	202	1601162	50.884	ng		95
79) Butylbenzylphthalate	20.74	149	622727	56.412	ng		86
80) Benzo(a)anthracene	21.72	228	1582454	51.770	ng		97
81) 3,3'-Dichlorobenzidine	21.64	252	278051	26.137	ng		99
82) Chrysene	21.80	228	1501360	51.235	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	863724	54.385	ng		100
84) Di-n-octyl phthalate	22.82	149	1453501	55.483	ng		95
85) Indeno(1,2,3-cd)pyrene	28.82	276	1764274	56.337	ng	#	79
87) Benzo(b)fluoranthene	23.99	252	1584908	52.760	ng		99
88) Benzo(k)fluoranthene	24.06	252	1539882	50.231	ng		98
89) Benzo(a)pyrene	24.88	252	1549172	54.364	ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1461346	53.627	ng		97
91) Benzo(g,h,i)perylene	29.99	276	1470547	54.890	ng		98

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

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