Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028675.D
Acq On : 12 Sep 2017 18:32
Operator : SJ/JU
Sample : PB102188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102188BS

Manual Integrations APPROVED
Sohil
9/13/2017 6:00:07 PM

Quant Time: Sep 13 04:44:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	30411	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	131238	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	99203	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	265877	20.00	ng		0.00
75) Chrysene-d12	22.03	240	300507	20.00	ng		0.00
86) Perylene-d12	25.53	264	311149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	296825	161.05	ng		0.00
7) Phenol-d6	7.49	99	416112	149.95	ng		0.00
23) Nitrobenzene-d5	9.50	82	252841	92.16	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	244949	149.29	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	683232	91.84	ng		0.00
78) Terphenyl-d14	20.28	244	1180990	83.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	29707	39.803	ng		94
3) Pyridine	4.23	79	88536	41.585	ng		93
4) n-Nitrosodimethylamine	4.15	42	43158	44.563	ng	#	66
6) Aniline	7.66	93	95105	29.449	ng		98
8) 2-Chlorophenol	7.90	128	99047	48.208	ng		93
9) Benzaldehyde	7.47	77	76028	44.161	ng		94
10) Phenol	7.52	94	142449	48.642	ng		86
11) bis(2-Chloroethyl)ether	7.74	93	88092	41.898	ng		91
12) 1,3-Dichlorobenzene	8.22	146	100613	45.478	ng		92
13) 1,4-Dichlorobenzene	8.37	146	103153	45.344	ng		97
14) 1,2-Dichlorobenzene	8.69	146	97134	43.219	ng		98
15) Benzyl Alcohol	8.57	79	107106	49.444	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.84	45	165177	43.226	ng		97
17) 2-Methylphenol	8.77	107	96214	50.277	ng		96
18) Hexachloroethane	9.42	117	36825	44.166	ng		90
19) n-Nitroso-di-n-propylamine	9.13	70	84878	43.149	ng	#	93
20) 3+4-Methylphenols	9.10	107	131474	49.118	ng		95
22) Acetophenone	9.15	105	155585	40.545	ng	#	90
24) Nitrobenzene	9.55	77	130498	42.957	ng		94
25) Isophorone	10.06	82	235611	42.445	ng		99
26) 2-Nitrophenol	10.26	139	56670	43.831	ng		94
27) 2,4-Dimethylphenol	10.31	122	108599	45.952	ng		89
28) bis(2-Chloroethoxy)methane	10.53	93	134116	44.490	ng		98
29) 2,4-Dichlorophenol	10.80	162	116003	49.333	ng		97
30) 1,2,4-Trichlorobenzene	11.01	180	114808	42.799	ng		95
31) Naphthalene	11.20	128	302556	44.141	ng		98
32) Benzoic acid	10.46	122	63304	39.021	ng		89
33) 4-Chloroaniline	11.32	127	50399	17.552	ng		98
34) Hexachlorobutadiene	11.48	225	79684	40.330	ng		96
35) Caprolactam	12.10	113	39920m	47.342	ng		
36) 4-Chloro-3-methylphenol	12.42	107	140598	45.944	ng		99
37) 2-Methylnaphthalene	12.79	142	241043	47.102	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	154114	37.783	ng		97
40) Hexachlorocyclopentadiene	13.12	237	162510	100.414	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	115233	44.511	ng		93
43) 2,4,5-Trichlorophenol	13.47	196	122541	47.107	ng		95
45) 1,1'-Biphenyl	13.78	154	327615	39.887	ng		96
46) 2-Chloronaphthalene	13.83	162	258486	43.147	ng		98
47) 2-Nitroaniline	14.03	65	104844	47.089	ng		94
48) Acenaphthylene	14.67	152	417275	43.597	ng		96
49) Dimethylphthalate	14.39	163	368821	44.336	ng		98
50) 2,6-Dinitrotoluene	14.52	165	83331	45.019	ng	#	78
51) Acenaphthene	15.01	154	254270	43.733	ng		93
52) 3-Nitroaniline	14.85	138	36608	22.364	ng		94
53) 2,4-Dinitrophenol	15.06	184	85056	86.486	ng		97
54) Dibenzofuran	15.34	168	434563	46.869	ng		94
55) 4-Nitrophenol	15.16	139	116688	97.299	ng	#	82
56) 2,4-Dinitrotoluene	15.31	165	122705	47.146	ng	#	85
57) Fluorene	15.99	166	369796	44.674	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	116540	50.831	ng	#	95
59) Diethylphthalate	15.74	149	391976	45.852	ng		98
60) 4-Chlorophenyl-phenylether	15.97	204	215212	45.659	ng		93
61) 4-Nitroaniline	16.02	138	80088	46.183	ng	#	81
62) Azobenzene	16.26	77	356153	49.536	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	72335	42.163	ng		96
65) n-Nitrosodiphenylamine	16.19	169	330011	43.298	ng		99
66) 4-Bromophenyl-phenylether	16.87	248	148701	43.466	ng		93
67) Hexachlorobenzene	17.00	284	156774	40.263	ng	#	91
68) Atrazine	17.13	200	143156	43.744	ng		99
69) Pentachlorophenol	17.35	266	156110	88.736	ng		97
70) Phenanthrene	17.74	178	614064	45.164	ng		94
71) Anthracene	17.83	178	627789	45.708	ng		97
72) Carbazole	18.10	167	533521	43.131	ng	#	95
73) Di-n-butylphthalate	18.63	149	648564	42.760	ng	#	94
74) Fluoranthene	19.74	202	757295	45.616	ng		95
76) Benzidine	19.91	184	306481	39.328	ng		97
77) Pyrene	20.10	202	771242	44.495	ng		96
79) Butylbenzylphthalate	20.96	149	304210	43.456	ng		93
80) Benzo(a)anthracene	22.01	228	812883	44.939	ng		93
81) 3,3'-Dichlorobenzidine	21.91	252	187789	25.606	ng	#	98
82) Chrysene	22.08	228	757570	44.140	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	426645	42.869	ng		98
84) Di-n-octyl phthalate	23.16	149	735332	42.289	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.57	276	965851	43.799	ng	#	96
87) Benzo(b)fluoranthene	24.42	252	819686	43.971	ng	#	96
88) Benzo(k)fluoranthene	24.49	252	813937	43.712	ng	#	94
89) Benzo(a)pyrene	25.37	252	789657	44.627	ng		96
90) Dibenzo(a,h)anthracene	29.63	278	812264	44.031	ng		98
91) Benzo(g,h,i)perylene	30.84	276	788329	43.796	ng		100

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

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