Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100351.D
Acq On : 9 Nov 2017 20:08
Operator : SJ/JU
Sample : PB104074BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104074BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:11 PM

Quant Time: Nov 10 01:04:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156385	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	632526	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	305040	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	596298	20.00	ng		0.00
75) Chrysene-d12	14.07	240	432560	20.00	ng		0.00
86) Perylene-d12	15.54	264	346533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1148540	117.73	ng		0.02
7) Phenol-d6	6.53	99	1433798	119.18	ng		0.00
23) Nitrobenzene-d5	7.47	82	914492	95.59	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	401042	129.02	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1708474	85.28	ng		0.00
78) Terphenyl-d14	13.02	244	1622874	86.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	170085	35.775	ng		94
3) Pyridine	3.56	79	486060	37.473	ng		92
4) n-Nitrosodimethylamine	3.52	42	238329	37.844	ng		97
6) Aniline	6.57	93	463442	27.268	ng		100
8) 2-Chlorophenol	6.69	128	433879	42.040	ng		97
9) Benzaldehyde	6.45	77	259347	30.187	ng		99
10) Phenol	6.55	94	519658m	41.147	ng		
11) bis(2-Chloroethyl)ether	6.64	93	420329	39.624	ng		95
12) 1,3-Dichlorobenzene	6.85	146	475640	39.973	ng		99
13) 1,4-Dichlorobenzene	6.92	146	485989	40.354	ng		97
14) 1,2-Dichlorobenzene	7.07	146	449747	40.390	ng		98
15) Benzyl Alcohol	7.04	79	396918	42.275	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	791557	46.655	ng		97
17) 2-Methylphenol	7.15	107	383916	43.529	ng		98
18) Hexachloroethane	7.42	117	169911	42.790	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	317075	38.005	ng		96
20) 3+4-Methylphenols	7.30	107	461474	41.348	ng		92
22) Acetophenone	7.31	105	589528	38.221	ng	#	96
24) Nitrobenzene	7.49	77	469076	47.636	ng		95
25) Isophorone	7.72	82	896250	44.579	ng		98
26) 2-Nitrophenol	7.80	139	238774	51.301	ng		98
27) 2,4-Dimethylphenol	7.83	122	440717	48.900	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	557938	42.426	ng		99
29) 2,4-Dichlorophenol	8.04	162	394534	45.855	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	391511	42.067	ng		98
31) Naphthalene	8.21	128	1263008	41.457	ng		99
32) Benzoic acid	7.95	122	291009	43.305	ng		95
33) 4-Chloroaniline	8.25	127	201375	15.880	ng		99
34) Hexachlorobutadiene	8.32	225	227422	41.099	ng		98
35) Caprolactam	8.63	113	130728m	44.274	ng		
36) 4-Chloro-3-methylphenol	8.73	107	416494	45.072	ng		99
37) 2-Methylnaphthalene	8.90	142	869543	42.991	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	374916	37.059	ng		98
40) Hexachlorocyclopentadiene	9.05	237	470853	98.890	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	299408	46.697	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	309398	46.574	ng		96
45) 1,1'-Biphenyl	9.36	154	1027955	38.963	ng		99
46) 2-Chloronaphthalene	9.39	162	810274	42.335	ng		98
47) 2-Nitroaniline	9.48	65	275783	48.719	ng		91
48) Acenaphthylene	9.80	152	1293174	40.770	ng		99
49) Dimethylphthalate	9.66	163	979298	42.048	ng		100
50) 2,6-Dinitrotoluene	9.72	165	223167	48.408	ng		96
51) Acenaphthene	9.97	154	859290	44.544	ng		99
52) 3-Nitroaniline	9.89	138	142971	26.263	ng		92
53) 2,4-Dinitrophenol	10.00	184	192655	89.885	ng	#	14
54) Dibenzofuran	10.15	168	1131405	41.846	ng		98
55) 4-Nitrophenol	10.05	139	388989	87.999	ng		95
56) 2,4-Dinitrotoluene	10.13	165	302112	51.946	ng		98
57) Fluorene	10.49	166	849901	42.910	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	256454	47.103	ng	#	89
59) Diethylphthalate	10.36	149	968593	41.558	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	414164	42.625	ng		94
61) 4-Nitroaniline	10.51	138	238407	46.185	ng		94
62) Azobenzene	10.65	77	954683	43.491	ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	137870	46.186	ng		84
65) n-Nitrosodiphenylamine	10.60	169	837516	40.394	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	276810	43.304	ng	#	85
67) Hexachlorobenzene	11.04	284	286908	42.915	ng	#	84
68) Atrazine	11.13	200	273189	43.528	ng		97
69) Pentachlorophenol	11.23	266	342153	71.373	ng		98
70) Phenanthrene	11.46	178	1301108	41.442	ng		99
71) Anthracene	11.51	178	1348955	42.350	ng		99
72) Carbazole	11.66	167	1202669	40.920	ng		99
73) Di-n-butylphthalate	11.99	149	1517969	44.134	ng		99
74) Fluoranthene	12.64	202	1383471	41.578	ng		99
76) Benzidine	12.76	184	636977	36.770	ng		98
77) Pyrene	12.87	202	1394479	45.225	ng		99
79) Butylbenzylphthalate	13.49	149	610090	48.517	ng	#	96
80) Benzo(a)anthracene	14.06	228	1110272	42.623	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	195397	20.936	ng		97
82) Chrysene	14.10	228	1058148	41.949	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	801408	48.456	ng		99
84) Di-n-octyl phthalate	14.65	149	1259387	44.325	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	893015	43.769	ng		96
87) Benzo(b)fluoranthene	15.12	252	904238	44.044	ng		98
88) Benzo(k)fluoranthene	15.14	252	844775	43.549	ng		97
89) Benzo(a)pyrene	15.49	252	826367	45.403	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	742743	49.899	ng		97
91) Benzo(g,h,i)perylene	17.50	276	760310	52.181	ng		95

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

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