Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100342.D
Acq On : 9 Nov 2017 15:17
Operator : SJ/JU
Sample : PB103997BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:00 PM

Quant Time: Nov 09 16:31:06 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	136546	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	512694	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	203918	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	345340	20.00	ng		0.00
75) Chrysene-d12	14.07	240	281405	20.00	ng		0.00
86) Perylene-d12	15.54	264	203411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1003504	117.81	ng		0.02
7) Phenol-d6	6.53	99	1197365	113.99	ng		0.00
23) Nitrobenzene-d5	7.47	82	734132	94.67	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	235537	113.35	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1284684	95.93	ng		0.00
78) Terphenyl-d14	13.01	244	1030289	84.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	154655	37.255	ng		93
3) Pyridine	3.56	79	426501	37.659	ng		94
4) n-Nitrosodimethylamine	3.50	42	208966	38.003	ng		95
6) Aniline	6.57	93	274939	18.527	ng		98
8) 2-Chlorophenol	6.69	128	362554	40.233	ng		96
9) Benzaldehyde	6.45	77	130822	17.440	ng		98
10) Phenol	6.54	94	448147	40.641	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	363061	39.198	ng		96
12) 1,3-Dichlorobenzene	6.85	146	414981	39.942	ng		98
13) 1,4-Dichlorobenzene	6.92	146	411891	39.170	ng		98
14) 1,2-Dichlorobenzene	7.07	146	380666	39.153	ng		98
15) Benzyl Alcohol	7.04	79	310429	37.867	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	662810	44.742	ng		96
17) 2-Methylphenol	7.15	107	310754	40.353	ng		98
18) Hexachloroethane	7.42	117	107523	31.012	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	258722	35.516	ng		92
20) 3+4-Methylphenols	7.30	107	374648	38.445	ng		94
22) Acetophenone	7.31	105	487075	38.960	ng	#	95
24) Nitrobenzene	7.49	77	375963	47.104	ng		96
25) Isophorone	7.72	82	698543	42.866	ng		99
26) 2-Nitrophenol	7.80	139	163814	44.248	ng		97
27) 2,4-Dimethylphenol	7.83	122	336659	46.085	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	448279	42.054	ng		99
29) 2,4-Dichlorophenol	8.04	162	292122	41.888	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	313964	41.620	ng		96
31) Naphthalene	8.21	128	987983	40.009	ng		100
32) Benzoic acid	7.92	122	109828	25.171	ng		98
33) 4-Chloroaniline	8.25	127	128131	12.465	ng		99
34) Hexachlorobutadiene	8.32	225	185142	41.278	ng		97
35) Caprolactam	8.62	113	88990m	37.183	ng		
36) 4-Chloro-3-methylphenol	8.73	107	288914	38.574	ng		99
37) 2-Methylnaphthalene	8.90	142	646969	39.463	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	291266	43.068	ng		97
40) Hexachlorocyclopentadiene	9.05	237	70959	22.293	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	189794	44.280	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	194135	43.715	ng		94
45) 1,1'-Biphenyl	9.36	154	749473	42.495	ng		99
46) 2-Chloronaphthalene	9.39	162	561906	43.917	ng		97
47) 2-Nitroaniline	9.48	65	185655	49.042	ng		95
48) Acenaphthylene	9.80	152	845348	39.867	ng		99
49) Dimethylphthalate	9.66	163	677204	43.496	ng		99
50) 2,6-Dinitrotoluene	9.72	165	129508	42.022	ng		92
51) Acenaphthene	9.97	154	492719	38.208	ng		99
52) 3-Nitroaniline	9.89	138	124643	34.250	ng		96
53) 2,4-Dinitrophenol	9.99	184	15652	22.392	ng	#	18
54) Dibenzofuran	10.15	168	727904	40.273	ng		99
55) 4-Nitrophenol	10.04	139	203420	68.839	ng		96
56) 2,4-Dinitrotoluene	10.12	165	154860	39.831	ng	#	92
57) Fluorene	10.49	166	524964	39.648	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	148737	40.866	ng	#	87
59) Diethylphthalate	10.36	149	645849	41.452	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	267400	41.168	ng		93
61) 4-Nitroaniline	10.50	138	138021	39.997	ng		93
62) Azobenzene	10.64	77	571601	38.952	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	14662	15.477	ng		81
65) n-Nitrosodiphenylamine	10.60	169	513186	42.738	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	161976	43.754	ng		90
67) Hexachlorobenzene	11.03	284	164837	42.573	ng		93
68) Atrazine	11.12	200	159875	43.984	ng		98
69) Pentachlorophenol	11.23	266	190335	68.556	ng		98
70) Phenanthrene	11.45	178	749671	41.230	ng		99
71) Anthracene	11.50	178	772708	41.887	ng		100
72) Carbazole	11.66	167	684761	40.230	ng		99
73) Di-n-butylphthalate	11.99	149	908394	45.604	ng		99
74) Fluoranthene	12.64	202	808193	41.940	ng		99
76) Benzidine	12.76	184	550656	48.862	ng		98
77) Pyrene	12.87	202	834069	41.579	ng		99
79) Butylbenzylphthalate	13.49	149	379731	46.418	ng	#	93
80) Benzo(a)anthracene	14.06	228	711761	42.001	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	262319	43.204	ng		99
82) Chrysene	14.09	228	685694	41.785	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	542405	50.412	ng		99
84) Di-n-octyl phthalate	14.66	149	904378	48.928	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	462599	34.852	ng		97
87) Benzo(b)fluoranthene	15.11	252	546018	45.309	ng		99
88) Benzo(k)fluoranthene	15.14	252	506427m	44.476	ng		
89) Benzo(a)pyrene	15.49	252	475497	44.507	ng		100
90) Dibenzo(a,h)anthracene	17.06	278	396399	45.369	ng		98
91) Benzo(g,h,i)perylene	17.50	276	385227	45.041	ng		95

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

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