Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110757.D
Acq On : 14 Nov 2018 9:13
Operator : JU/SJ
Sample : PB114763BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114763BSD

Manual Integrations APPROVED
Sohil
11/14/2018 1:52:33 PM

Quant Time: Nov 14 10:26:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70990	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	285976	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	117542	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	180194	20.00	ng		0.00
76) Chrysene-d12	14.13	240	139645	20.00	ng		0.00
87) Perylene-d12	15.66	264	90786	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	383696	87.79	ng		0.00
7) Phenol-d6	6.57	99	469925	84.08	ng		0.00
23) Nitrobenzene-d5	7.51	82	424804	85.55	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	87273	73.69	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	780660	94.85	ng		0.00
79) Terphenyl-d14	13.06	244	508558	68.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	61505	28.244	ng	#	86
3) Pyridine	3.62	79	162987	34.675	ng	#	84
4) n-Nitrosodimethylamine	3.58	42	87380	43.326	ng		92
6) Aniline	6.61	93	119617	16.412	ng	#	56
8) 2-Chlorophenol	6.73	128	201867	39.401	ng		96
9) Benzaldehyde	6.50	77	113563	37.124	ng		97
10) Phenol	6.59	94	243086	37.511	ng	#	63
11) bis(2-Chloroethyl)ether	6.67	93	184777	38.047	ng		92
12) 1,3-Dichlorobenzene	6.89	146	212237	37.860	ng		96
13) 1,4-Dichlorobenzene	6.96	146	216285	37.995	ng		100
14) 1,2-Dichlorobenzene	7.12	146	204158	38.553	ng		98
15) Benzyl Alcohol	7.09	79	166896	38.160	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.21	45	292815	38.393	ng		72
17) 2-Methylphenol	7.19	107	157973	38.742	ng	#	83
18) Hexachloroethane	7.45	117	68039	32.376	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	134336	37.656	ng		95
20) 3+4-Methylphenols	7.35	107	202904	38.764	ng	#	82
22) Acetophenone	7.35	105	275070	41.272	ng	#	90
24) Nitrobenzene	7.53	77	204119	40.120	ng		98
25) Isophorone	7.76	82	360240	44.261	ng		97
26) 2-Nitrophenol	7.85	139	91067	35.879	ng		96
27) 2,4-Dimethylphenol	7.87	122	176621	45.692	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	231803	42.065	ng		99
29) 2,4-Dichlorophenol	8.09	162	158754	39.914	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	173715	38.737	ng		96
31) Naphthalene	8.25	128	562968	41.934	ng		99
32) Benzoic acid	7.99	122	83553	30.550	ng		94
33) 4-Chloroaniline	8.30	127	56940	9.364	ng		100
34) Hexachlorobutadiene	8.35	225	96069	37.506	ng		99
35) Caprolactam	8.67	113	53538m	40.289	ng		
36) 4-Chloro-3-methylphenol	8.78	107	163023	38.004	ng		95
37) 2-Methylnaphthalene	8.94	142	371252	42.184	ng		97
38) 1-Methylnaphthalene	9.04	142	343235	40.553	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	157221	42.256	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	9800	13.736	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	99412	42.519	ng		95
44) 2,4,5-Trichlorophenol	9.26	196	102943	41.276	ng		95
46) 1,1'-Biphenyl	9.40	154	441491	40.264	ng		99
47) 2-Chloronaphthalene	9.43	162	322895	40.875	ng		99
48) 2-Nitroaniline	9.53	65	101993	41.898	ng		93
49) Acenaphthylene	9.85	152	491049	43.164	ng		99
50) Dimethylphthalate	9.70	163	380891	43.428	ng		100
51) 2,6-Dinitrotoluene	9.77	165	77155	39.990	ng		98
52) Acenaphthene	10.02	154	287979	40.055	ng		96
53) 3-Nitroaniline	9.95	138	49554	22.169	ng		88
54) 2,4-Dinitrophenol	10.06	184	8787	15.463	ng		88
55) Dibenzofuran	10.19	168	408839	38.868	ng		98
56) 4-Nitrophenol	10.10	139	98756	66.595	ng		96
57) 2,4-Dinitrotoluene	10.18	165	90926	36.246	ng		96
58) Fluorene	10.53	166	320098	39.619	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	76744	39.116	ng		95
60) Diethylphthalate	10.39	149	368006	42.412	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	158316	37.845	ng		99
62) 4-Nitroaniline	10.56	138	68592	30.473	ng		95
63) Azobenzene	10.68	77	317066	37.453	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	7530	8.292	ng		94
66) n-Nitrosodiphenylamine	10.64	169	279388	45.999	ng		97
67) 4-Bromophenyl-phenylether	11.02	248	84649	42.505	ng		98
68) Hexachlorobenzene	11.09	284	85459	40.701	ng	#	93
69) Atrazine	11.16	200	85299	45.931	ng		99
70) Pentachlorophenol	11.29	266	73096	65.243	ng		97
71) Phenanthrene	11.50	178	411695	42.646	ng		100
72) Anthracene	11.56	178	425230	43.665	ng		99
73) Carbazole	11.71	167	363813	38.900	ng		99
74) Di-n-butylphthalate	12.02	149	493552	45.002	ng		98
75) Fluoranthene	12.70	202	410735	42.437	ng		98
77) Benzidine	12.82	184	219131	57.061	ng		98
78) Pyrene	12.93	202	419365	39.002	ng		98
80) Butylbenzylphthalate	13.53	149	188333	40.695	ng		97
81) Benzo(a)anthracene	14.12	228	356919	42.762	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	115592	41.341	ng		99
83) Chrysene	14.16	228	333625	41.955	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	260429	45.363	ng		97
85) Di-n-octyl phthalate	14.69	149	444878	52.696	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	212539	37.247	ng		98
88) Benzo(b)fluoranthene	15.20	252	253867	46.743	ng		99
89) Benzo(k)fluoranthene	15.23	252	238800	44.498	ng	#	97
90) Benzo(a)pyrene	15.59	252	220936	44.773	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	177605	42.531	ng		99
92) Benzo(g,h,i)perylene	17.70	276	174648	42.153	ng		97

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

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