Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110067.D
Acq On : 23 Oct 2018 00:23
Operator : JU/SJ
Sample : PB114045BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Manual Integrations APPROVED
Sohil
10/23/2018 2:18:59 PM

Quant Time: Oct 23 04:50:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188762	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	738102	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	332237	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	533967	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	340755	20.00	ng		-0.01
87) Perylene-d12	15.67	264	262943	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	565662	47.50	ng		0.00
7) Phenol-d6	6.59	99	713994	48.29	ng		-0.02
23) Nitrobenzene-d5	7.53	82	637335	58.17	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	145652	50.64	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1186004	56.96	ng		-0.01
79) Terphenyl-d14	13.09	244	896735	55.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	105761	15.637	ng		90
3) Pyridine	3.68	79	300751	19.945	ng		88
4) n-Nitrosodimethylamine	3.63	42	136224	22.146	ng	#	95
6) Aniline	6.63	93	286161	14.360	ng	#	54
8) 2-Chlorophenol	6.75	128	311688	23.367	ng		99
9) Benzaldehyde	6.52	77	176634	18.382	ng		95
10) Phenol	6.60	94	362123	22.682	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	284195	21.290	ng		92
12) 1,3-Dichlorobenzene	6.91	146	325334	22.242	ng		97
13) 1,4-Dichlorobenzene	6.99	146	324615	22.037	ng		97
14) 1,2-Dichlorobenzene	7.14	146	310145	22.864	ng		98
15) Benzyl Alcohol	7.10	79	261059	22.948	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	471671	21.528	ng		67
17) 2-Methylphenol	7.21	107	249092	23.158	ng	#	80
18) Hexachloroethane	7.48	117	108665	20.874	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	207328	21.837	ng		96
20) 3+4-Methylphenols	7.36	107	318632	23.344	ng		95
22) Acetophenone	7.37	105	421020	24.596	ng		98
24) Nitrobenzene	7.55	77	311387	26.160	ng		93
25) Isophorone	7.79	82	565121	26.249	ng		95
26) 2-Nitrophenol	7.86	139	143888	29.155	ng		95
27) 2,4-Dimethylphenol	7.89	122	280320	27.032	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	362750	24.551	ng		99
29) 2,4-Dichlorophenol	8.10	162	252948	25.144	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	270600	24.024	ng		95
31) Naphthalene	8.27	128	873381	25.804	ng		100
32) Benzoic acid	7.97	122	96313	14.906	ng		92
33) 4-Chloroaniline	8.32	127	208058	13.675	ng		99
34) Hexachlorobutadiene	8.39	225	149875	24.130	ng		98
35) Caprolactam	8.68	113	86455m	24.199	ng		
36) 4-Chloro-3-methylphenol	8.79	107	259537	24.456	ng		96
37) 2-Methylnaphthalene	8.97	142	594331	27.118	ng		98
38) 1-Methylnaphthalene	9.07	142	566857	26.692	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	252038	24.629	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	140088	28.363	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	161242	25.199	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	174612	26.293	ng		94
46) 1,1'-Biphenyl	9.43	154	715585	24.174	ng		99
47) 2-Chloronaphthalene	9.46	162	540634	24.795	ng		99
48) 2-Nitroaniline	9.55	65	168864	30.178	ng		94
49) Acenaphthylene	9.87	152	823849	26.009	ng		98
50) Dimethylphthalate	9.72	163	630072	26.783	ng		99
51) 2,6-Dinitrotoluene	9.79	165	128877	28.843	ng		85
52) Acenaphthene	10.05	154	509626	25.271	ng		98
53) 3-Nitroaniline	9.96	138	123316	22.688	ng		89
54) 2,4-Dinitrophenol	10.06	184	20274	21.566	ng		95
55) Dibenzofuran	10.22	168	716338	24.908	ng		97
56) 4-Nitrophenol	10.12	139	261385	63.025	ng		91
57) 2,4-Dinitrotoluene	10.19	165	162339	30.598	ng		92
58) Fluorene	10.56	166	544409	26.004	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	132178	25.113	ng		97
60) Diethylphthalate	10.42	149	602906	25.948	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	267608	24.539	ng		99
62) 4-Nitroaniline	10.57	138	123194	23.944	ng		88
63) Azobenzene	10.71	77	565437	23.294	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	22131	17.461	ng		90
66) n-Nitrosodiphenylamine	10.67	169	482629	27.138	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	154201	26.647	ng		98
68) Hexachlorobenzene	11.11	284	154821	25.089	ng		95
69) Atrazine	11.19	200	154334	27.782	ng		99
70) Pentachlorophenol	11.30	266	121788	34.679	ng		97
71) Phenanthrene	11.53	178	739434	26.749	ng		100
72) Anthracene	11.58	178	757477	27.255	ng		99
73) Carbazole	11.73	167	630443	23.082	ng		98
74) Di-n-butylphthalate	12.05	149	849426	27.866	ng		99
75) Fluoranthene	12.72	202	656627	23.777	ng		98
77) Benzidine	12.84	184	394946	30.229	ng		98
78) Pyrene	12.95	202	651817	26.044	ng		98
80) Butylbenzylphthalate	13.56	149	288075	28.471	ng		97
81) Benzo(a)anthracene	14.14	228	517357	25.776	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	156428	22.231	ng		99
83) Chrysene	14.17	228	483402	25.303	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	397920	29.887	ng		96
85) Di-n-octyl phthalate	14.73	149	613769	32.698	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	362059	23.537	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	406893	26.841	ng		100
89) Benzo(k)fluoranthene	15.24	252	405374	27.130	ng		99
90) Benzo(a)pyrene	15.60	252	372480	26.716	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	307303	24.871	ng		97
92) Benzo(g,h,i)perylene	17.70	276	294068	23.556	ng		94

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

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