Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109577.D
Acq On : 4 Oct 2018 5:53
Operator : JU/SJ
Sample : PB113461BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113461BS

Quant Time: Oct 04 07:15:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82483	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	294284	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	120177	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	209189	20.00	ng		0.00
75) Chrysene-d12	13.84	240	192562	20.00	ng		0.00
86) Perylene-d12	15.24	264	149361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	348247	69.54	ng		0.00
7) Phenol-d6	6.35	99	446587	69.89	ng		0.00
23) Nitrobenzene-d5	7.27	82	406638	81.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	92661	78.22	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	724650	90.94	ng		-0.01
78) Terphenyl-d14	12.79	244	663223	84.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	70927	30.753	ng		93
3) Pyridine	3.15	79	168677	28.416	ng		90
4) n-Nitrosodimethylamine	3.09	42	74057	29.316	ng		99
6) Aniline	6.37	93	177317	21.689	ng	#	65
8) 2-Chlorophenol	6.49	128	194764	34.974	ng		95
9) Benzaldehyde	6.25	77	83607	20.367	ng		96
10) Phenol	6.36	94	229200	31.672	ng	#	72
11) bis(2-Chloroethyl)ether	6.44	93	167270	29.539	ng		95
12) 1,3-Dichlorobenzene	6.65	146	216153	33.712	ng		99
13) 1,4-Dichlorobenzene	6.72	146	227949	35.289	ng		97
14) 1,2-Dichlorobenzene	6.87	146	205410	34.471	ng		97
15) Benzyl Alcohol	6.85	79	156523	32.000	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	253744	31.591	ng		76
17) 2-Methylphenol	6.97	107	152074	33.749	ng		94
18) Hexachloroethane	7.22	117	63885	28.072	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	134374	32.092	ng		98
20) 3+4-Methylphenols	7.12	107	189328	34.801	ng	#	81
22) Acetophenone	7.12	105	276815	40.685	ng	#	96
24) Nitrobenzene	7.29	77	195957	36.969	ng		100
25) Isophorone	7.52	82	362119	40.338	ng		96
26) 2-Nitrophenol	7.60	139	77469	36.956	ng		98
27) 2,4-Dimethylphenol	7.65	122	162373	41.511	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	233438	39.283	ng		99
29) 2,4-Dichlorophenol	7.85	162	153504	37.352	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	165373	36.012	ng		97
31) Naphthalene	8.00	128	526257	38.268	ng		99
32) Benzoic acid	7.76	122	67043	28.448	ng		98
33) 4-Chloroaniline	8.06	127	125927	20.961	ng		98
34) Hexachlorobutadiene	8.13	225	101184	36.550	ng		96
35) Caprolactam	8.42	113	44080	33.595	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	152822	35.338	ng		96
37) 2-Methylnaphthalene	8.70	142	341878	38.564	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	158428	41.423	ng		97
40) Hexachlorocyclopentadiene	8.85	237	10676	6.400	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	91628	37.328	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	102174	39.411	ng		98
45) 1,1'-Biphenyl	9.16	154	405908	41.455	ng		98
46) 2-Chloronaphthalene	9.18	162	299488	38.287	ng		99
47) 2-Nitroaniline	9.28	65	93563	42.188	ng		96
48) Acenaphthylene	9.59	152	472608	40.050	ng		99
49) Dimethylphthalate	9.46	163	366625	41.944	ng		100
50) 2,6-Dinitrotoluene	9.52	165	67589	39.043	ng		98
51) Acenaphthene	9.77	154	265911	37.271	ng		98
52) 3-Nitroaniline	9.69	138	73494	36.659	ng		92
53) 2,4-Dinitrophenol	9.81	184	4228	14.657	ng	#	71
54) Dibenzofuran	9.94	168	383150	36.111	ng		98
55) 4-Nitrophenol	9.86	139	88252	58.435	ng		98
56) 2,4-Dinitrotoluene	9.93	165	77742	35.492	ng	#	99
57) Fluorene	10.28	166	293927	38.825	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	78832	38.404	ng	#	85
59) Diethylphthalate	10.16	149	340716	38.493	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	145494	36.795	ng		91
61) 4-Nitroaniline	10.30	138	77895	39.841	ng		98
62) Azobenzene	10.43	77	311441	33.866	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	5287	11.977	ng		90
65) n-Nitrosodiphenylamine	10.39	169	271806	39.327	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	90652	39.024	ng		92
67) Hexachlorobenzene	10.83	284	91323	37.016	ng	#	85
68) Atrazine	10.92	200	87408	41.121	ng		99
69) Pentachlorophenol	11.03	266	90992	61.622	ng		99
70) Phenanthrene	11.23	178	413379	39.578	ng		99
71) Anthracene	11.29	178	439534	41.490	ng		99
72) Carbazole	11.45	167	392270	37.216	ng		98
73) Di-n-butylphthalate	11.77	149	489800	40.366	ng		99
74) Fluoranthene	12.42	202	476984	42.733	ng		94
76) Benzidine	12.55	184	404605	58.277	ng		98
77) Pyrene	12.65	202	483708	35.050	ng		100
79) Butylbenzylphthalate	13.26	149	219451	37.377	ng		96
80) Benzo(a)anthracene	13.83	228	423706	36.531	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	174903	39.679	ng		98
82) Chrysene	13.87	228	428408	37.266	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	289655	39.118	ng		98
84) Di-n-octyl phthalate	14.43	149	550748	43.501	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	282462	30.313	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	340911	41.538	ng		98
88) Benzo(k)fluoranthene	14.87	252	348405	44.736	ng	#	95
89) Benzo(a)pyrene	15.19	252	298967	40.426	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	235669	38.843	ng		96
91) Benzo(g,h,i)perylene	17.00	276	228497	38.320	ng	#	91

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

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