Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108930.D
Acq On : 11 Sep 2018 12:56
Operator : JU/SJ
Sample : PB112743BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112743BS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:44 AM

Quant Time: Sep 11 13:33:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	172920	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	663287	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	321396	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	623288	20.00	ng		0.00
75) Chrysene-d12	13.88	240	436263	20.00	ng		0.01
86) Perylene-d12	15.28	264	393001	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1235148	118.33	ng		0.02
7) Phenol-d6	6.38	99	1599912	119.13	ng		0.02
23) Nitrobenzene-d5	7.30	82	1038704	98.00	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	429145	139.87	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1773309	94.13	ng		0.00
78) Terphenyl-d14	12.83	244	1829979	97.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	198400	39.551	ng		93
3) Pyridine	3.21	79	575718	41.908	ng		91
4) n-Nitrosodimethylamine	3.15	42	260566	49.383	ng	#	94
6) Aniline	6.40	93	705391	39.052	ng		93
8) 2-Chlorophenol	6.53	128	535251	46.328	ng		95
9) Benzaldehyde	6.28	77	282308	29.631	ng		98
10) Phenol	6.40	94	655881	42.639	ng		75
11) bis(2-Chloroethyl)ether	6.48	93	535082	43.424	ng		98
12) 1,3-Dichlorobenzene	6.68	146	579550	43.958	ng		99
13) 1,4-Dichlorobenzene	6.76	146	584101	44.302	ng		97
14) 1,2-Dichlorobenzene	6.91	146	542842	44.669	ng		98
15) Benzyl Alcohol	6.88	79	472441	45.839	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	797597	43.302	ng		96
17) 2-Methylphenol	7.00	107	450943	46.186	ng		98
18) Hexachloroethane	7.25	117	217712	45.796	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	386656	41.419	ng		98
20) 3+4-Methylphenols	7.15	107	515833	45.101	ng	#	69
22) Acetophenone	7.15	105	707899	47.026	ng	#	90
24) Nitrobenzene	7.32	77	584170	51.368	ng		97
25) Isophorone	7.57	82	1093419	51.720	ng		98
26) 2-Nitrophenol	7.64	139	273781	61.107	ng		98
27) 2,4-Dimethylphenol	7.68	122	496016	54.518	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	678973	48.036	ng		99
29) 2,4-Dichlorophenol	7.88	162	462699	49.321	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	474721	46.692	ng		97
31) Naphthalene	8.04	128	1528944	51.235	ng		99
32) Benzoic acid	7.81	122	283505	47.581	ng		99
33) 4-Chloroaniline	8.09	127	507698	37.044	ng		99
34) Hexachlorobutadiene	8.17	225	278707	45.887	ng		98
35) Caprolactam	8.47	113	158374m	49.819	ng		
36) 4-Chloro-3-methylphenol	8.58	107	485221	48.552	ng		99
37) 2-Methylnaphthalene	8.74	142	1021410	51.810	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	430739	44.834	ng		98
40) Hexachlorocyclopentadiene	8.90	237	575507	119.071	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	331591	50.672	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	352394	51.951	ng		95
45) 1,1'-Biphenyl	9.20	154	1195849	48.330	ng		99
46) 2-Chloronaphthalene	9.22	162	939237	46.936	ng		97
47) 2-Nitroaniline	9.31	65	311867	57.048	ng		95
48) Acenaphthylene	9.64	152	1536347	51.507	ng		99
49) Dimethylphthalate	9.50	163	1109429	49.353	ng		99
50) 2,6-Dinitrotoluene	9.56	165	251903	58.809	ng		90
51) Acenaphthene	9.81	154	898116	48.657	ng		99
52) 3-Nitroaniline	9.72	138	227931	44.702	ng		96
53) 2,4-Dinitrophenol	9.83	184	187296	114.495	ng	#	20
54) Dibenzofuran	9.98	168	1307125	48.581	ng		97
55) 4-Nitrophenol	9.89	139	439412	115.275	ng		96
56) 2,4-Dinitrotoluene	9.96	165	333306	60.846	ng	#	93
57) Fluorene	10.32	166	963368	55.794	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	297439	54.374	ng		88
59) Diethylphthalate	10.20	149	1096561	47.269	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	457204	49.580	ng		96
61) 4-Nitroaniline	10.34	138	276354	59.828	ng		97
62) Azobenzene	10.47	77	1154268	48.204	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	130548	52.508	ng		82
65) n-Nitrosodiphenylamine	10.43	169	959382	46.295	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	323952	46.017	ng	#	88
67) Hexachlorobenzene	10.87	284	345409	45.963	ng	#	89
68) Atrazine	10.96	200	330242	49.780	ng		98
69) Pentachlorophenol	11.06	266	381482	83.031	ng		98
70) Phenanthrene	11.28	178	1487462	49.974	ng		99
71) Anthracene	11.33	178	1537185	53.940	ng		99
72) Carbazole	11.48	167	1402930	46.745	ng		99
73) Di-n-butylphthalate	11.82	149	1697350	50.928	ng		99
74) Fluoranthene	12.46	202	1574547	53.429	ng		97
76) Benzidine	12.58	184	930609	45.007	ng		98
77) Pyrene	12.68	202	1610956	47.988	ng		99
79) Butylbenzylphthalate	13.31	149	739058	48.888	ng		96
80) Benzo(a)anthracene	13.87	228	1285149	45.959	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	380975	34.969	ng		97
82) Chrysene	13.91	228	1297450	47.929	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	846634	44.564	ng		100
84) Di-n-octyl phthalate	14.48	149	1529082	48.277	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	1019360	42.550	ng		95
87) Benzo(b)fluoranthene	14.89	252	1175454	55.006	ng		98
88) Benzo(k)fluoranthene	14.92	252	1041899m	52.944	ng		
89) Benzo(a)pyrene	15.23	252	1029203	53.376	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	838722	49.364	ng	#	96
91) Benzo(g,h,i)perylene	17.07	276	880153	51.738	ng		94

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

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