Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109418.D
Acq On : 28 Sep 2018 6:37
Operator : JU/SJ
Sample : PB113249BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113249BS

Manual Integrations APPROVED
Sohil
9/28/2018 2:40:36 PM

Quant Time: Sep 28 07:32:20 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	6.71	152	112677	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	420284	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	194625	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	304506	20.00	ng		0.00
75) Chrysene-d12	13.84	240	216019	20.00	ng		0.00
86) Perylene-d12	15.24	264	188199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	643974	94.13	ng		0.01
7) Phenol-d6	6.35	99	825143	94.52	ng		0.00
23) Nitrobenzene-d5	7.27	82	763767	107.28	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	180386	94.02	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1348936	104.53	ng		0.00
78) Terphenyl-d14	12.80	244	984616	111.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	115707	36.725	ng		92
3) Pyridine	3.15	79	325552	40.147	ng		93
4) n-Nitrosodimethylamine	3.09	42	155294	45.000	ng	#	98
6) Aniline	6.37	93	363262	32.526	ng	#	33
8) 2-Chlorophenol	6.50	128	334625	43.987	ng		94
9) Benzaldehyde	6.25	77	199039	35.493	ng		99
10) Phenol	6.37	94	408306	41.302	ng	#	64
11) bis(2-Chloroethyl)ether	6.45	93	322603	41.704	ng		97
12) 1,3-Dichlorobenzene	6.65	146	366724	41.868	ng		98
13) 1,4-Dichlorobenzene	6.73	146	367487	41.645	ng		98
14) 1,2-Dichlorobenzene	6.88	146	340525	41.833	ng		98
15) Benzyl Alcohol	6.85	79	293370	43.905	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454586	41.430	ng		93
17) 2-Methylphenol	6.97	107	273445	44.423	ng		95
18) Hexachloroethane	7.22	117	124322	39.990	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	241222	42.172	ng		99
20) 3+4-Methylphenols	7.13	107	327915	44.124	ng	#	85
22) Acetophenone	7.12	105	463491	47.700	ng	#	96
24) Nitrobenzene	7.29	77	356054	47.034	ng		99
25) Isophorone	7.53	82	664776	51.852	ng		98
26) 2-Nitrophenol	7.61	139	165098	55.148	ng		95
27) 2,4-Dimethylphenol	7.65	122	306353	54.840	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	417001	49.135	ng		99
29) 2,4-Dichlorophenol	7.85	162	286835	48.870	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	295149	45.003	ng		99
31) Naphthalene	8.01	128	956434	48.699	ng		100
32) Benzoic acid	7.77	122	139142m	38.260	ng		
33) 4-Chloroaniline	8.06	127	226350	26.382	ng		99
34) Hexachlorobutadiene	8.13	225	178031	45.029	ng		98
35) Caprolactam	8.44	113	91187m	48.662	ng		
36) 4-Chloro-3-methylphenol	8.55	107	298826	48.384	ng		99
37) 2-Methylnaphthalene	8.70	142	647353	51.130	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	298899	48.256	ng		98
40) Hexachlorocyclopentadiene	8.86	237	91165	33.744	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	195217	49.107	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	201441	47.979	ng		94
45) 1,1'-Biphenyl	9.17	154	763774	48.166	ng		97
46) 2-Chloronaphthalene	9.19	162	585536	46.221	ng		98
47) 2-Nitroaniline	9.29	65	186373	51.891	ng		98
48) Acenaphthylene	9.60	152	925315	48.418	ng		99
49) Dimethylphthalate	9.47	163	717626	50.695	ng		99
50) 2,6-Dinitrotoluene	9.53	165	147573	52.637	ng		92
51) Acenaphthene	9.77	154	523866	45.339	ng		99
52) 3-Nitroaniline	9.69	138	116245	35.803	ng		97
53) 2,4-Dinitrophenol	9.80	184	30878	36.260	ng	#	14
54) Dibenzofuran	9.95	168	775854	45.151	ng		97
55) 4-Nitrophenol	9.86	139	200019	81.780	ng		90
56) 2,4-Dinitrotoluene	9.93	165	183455	51.716	ng	#	96
57) Fluorene	10.29	166	569286	46.433	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	152722	45.941	ng		90
59) Diethylphthalate	10.17	149	686727	47.906	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	289008	45.132	ng		93
61) 4-Nitroaniline	10.30	138	125000	39.478	ng		97
62) Azobenzene	10.44	77	649570	43.615	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	25622	24.687	ng		81
65) n-Nitrosodiphenylamine	10.40	169	551772	54.844	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	179541	53.096	ng	#	85
67) Hexachlorobenzene	10.84	284	180356	50.221	ng	#	87
68) Atrazine	10.93	200	177610	57.401	ng		97
69) Pentachlorophenol	11.03	266	158528	73.754	ng		97
70) Phenanthrene	11.24	178	748186	49.210	ng		99
71) Anthracene	11.29	178	767099	49.744	ng		100
72) Carbazole	11.45	167	659616	42.991	ng		100
73) Di-n-butylphthalate	11.79	149	923286	52.272	ng		99
74) Fluoranthene	12.42	202	701019	43.145	ng		97
76) Benzidine	12.55	184	504803	64.814	ng		99
77) Pyrene	12.65	202	690709	44.614	ng		100
79) Butylbenzylphthalate	13.27	149	320415	48.647	ng		96
80) Benzo(a)anthracene	13.83	228	631333	48.521	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	246979	49.946	ng	#	97
82) Chrysene	13.87	228	627265	48.639	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	407958	49.112	ng		99
84) Di-n-octyl phthalate	14.44	149	784377	55.226	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	434469	41.563	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	580053	56.090	ng		99
88) Benzo(k)fluoranthene	14.87	252	503665	51.325	ng		98
89) Benzo(a)pyrene	15.19	252	479269	51.432	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	365004	47.745	ng		97
91) Benzo(g,h,i)perylene	17.00	276	351200	46.743	ng	#	93

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

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