Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108136.D
Acq On : 14 Aug 2018 11:22
Operator : JU/SJ
Sample : PB111926BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Manual Integrations APPROVED
Sohil
8/15/2018 3:38:19 PM

Quant Time: Aug 14 13:10:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	202080	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	724236	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	360392	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	705641	20.00	ng		0.00
75) Chrysene-d12	14.22	240	505658	20.00	ng		0.00
86) Perylene-d12	15.78	264	361227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1318501	118.13	ng		0.03
7) Phenol-d6	6.64	99	1748382	117.87	ng		0.01
23) Nitrobenzene-d5	7.58	82	1181268	91.02	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	511288	142.23	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2141368	95.39	ng		0.00
78) Terphenyl-d14	13.15	244	2277694	114.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	256615	44.743	ng		90
3) Pyridine	3.80	79	688345	46.591	ng	#	85
4) n-Nitrosodimethylamine	3.77	42	375556	45.175	ng		81
6) Aniline	6.68	93	660155	32.721	ng		97
8) 2-Chlorophenol	6.81	128	546201	43.448	ng		95
9) Benzaldehyde	6.57	77	283147	24.622	ng		94
10) Phenol	6.65	94	653479	42.592	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	550862	44.411	ng		96
12) 1,3-Dichlorobenzene	6.96	146	696089	47.888	ng		98
13) 1,4-Dichlorobenzene	7.04	146	693877	47.512	ng		99
14) 1,2-Dichlorobenzene	7.19	146	637806	46.951	ng		99
15) Benzyl Alcohol	7.15	79	528574	42.331	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1065103	41.682	ng		97
17) 2-Methylphenol	7.26	107	459661	42.638	ng		96
18) Hexachloroethane	7.53	117	253452	48.747	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	420667	41.940	ng		90
20) 3+4-Methylphenols	7.41	107	585945	42.414	ng	#	86
22) Acetophenone	7.42	105	785573	46.389	ng	#	91
24) Nitrobenzene	7.60	77	621036	47.319	ng		95
25) Isophorone	7.84	82	1137801	45.994	ng		96
26) 2-Nitrophenol	7.92	139	270358	54.548	ng		94
27) 2,4-Dimethylphenol	7.94	122	518587	47.232	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	683205	47.308	ng		99
29) 2,4-Dichlorophenol	8.15	162	490882	48.583	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	544437	48.872	ng		98
31) Naphthalene	8.33	128	1607236	48.798	ng		99
32) Benzoic acid	8.06	122	276944	44.031	ng		93
33) 4-Chloroaniline	8.37	127	465576	32.436	ng		99
34) Hexachlorobutadiene	8.44	225	345373	48.973	ng		100
35) Caprolactam	8.74	113	160000m	50.531	ng		
36) 4-Chloro-3-methylphenol	8.84	107	507028	46.516	ng		97
37) 2-Methylnaphthalene	9.02	142	1099803	47.196	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	546110	49.345	ng		98
40) Hexachlorocyclopentadiene	9.17	237	666558	93.245	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	365832	53.268	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	377362	49.914	ng	#	92
45) 1,1'-Biphenyl	9.48	154	1304549	49.095	ng		99
46) 2-Chloronaphthalene	9.51	162	1038171	49.434	ng		98
47) 2-Nitroaniline	9.61	65	339820	50.009	ng		92
48) Acenaphthylene	9.93	152	1613922	48.610	ng		97
49) Dimethylphthalate	9.78	163	1185769	47.234	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	266010	50.646	ng		97
51) Acenaphthene	10.11	154	1051292	51.697	ng		99
52) 3-Nitroaniline	10.02	138	214537	37.332	ng		99
53) 2,4-Dinitrophenol	10.13	184	199749	99.723	ng	#	19
54) Dibenzofuran	10.28	168	1402439	47.602	ng		96
55) 4-Nitrophenol	10.17	139	408147	93.791	ng	#	82
56) 2,4-Dinitrotoluene	10.25	165	351784	52.033	ng	#	98
57) Fluorene	10.62	166	1117682	47.923	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	319004	50.483	ng	#	87
59) Diethylphthalate	10.48	149	1135562	46.713	ng		96
60) 4-Chlorophenyl-phenylether	10.61	204	578319	47.587	ng		92
61) 4-Nitroaniline	10.64	138	272865	48.026	ng		93
62) Azobenzene	10.77	77	1161525	46.267	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	136470	51.121	ng		88
65) n-Nitrosodiphenylamine	10.72	169	1002844	48.093	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	374373	48.820	ng	#	85
67) Hexachlorobenzene	11.17	284	385467	47.775	ng	#	88
68) Atrazine	11.25	200	323620	46.271	ng		97
69) Pentachlorophenol	11.37	266	378531	98.017	ng		99
70) Phenanthrene	11.59	178	1578056	47.414	ng		98
71) Anthracene	11.64	178	1618336	47.441	ng		98
72) Carbazole	11.79	167	1427448	47.098	ng		99
73) Di-n-butylphthalate	12.11	149	1677807	48.874	ng		98
74) Fluoranthene	12.79	202	1692084	46.583	ng		95
76) Benzidine	12.90	184	748177	39.602	ng		98
77) Pyrene	13.02	202	1665397	52.022	ng		98
79) Butylbenzylphthalate	13.62	149	692410	54.469	ng		96
80) Benzo(a)anthracene	14.21	228	1400534	48.262	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	350964	33.747	ng	#	97
82) Chrysene	14.25	228	1272794	47.840	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874743	50.815	ng		99
84) Di-n-octyl phthalate	14.80	149	1286992	49.022	ng		96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1041988	45.201	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1134043	52.539	ng		96
88) Benzo(k)fluoranthene	15.35	252	1010274	50.917	ng	#	96
89) Benzo(a)pyrene	15.72	252	999440	51.708	ng		97
90) Dibenzo(a,h)anthracene	17.43	278	871107	54.470	ng	#	93
91) Benzo(g,h,i)perylene	17.91	276	877109	55.698	ng	#	91

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

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