Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110994.D
Acq On : 27 Nov 2018 6:10
Operator : JU/SJ
Sample : PB115071BSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115071BSD

Quant Time: Nov 27 07:31:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 06:43:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54268	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	206305	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	83249	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	138053	20.00	ng		0.00
76) Chrysene-d12	14.13	240	85904	20.00	ng		0.00
87) Perylene-d12	15.67	264	64879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	247153	75.52	ng		0.02
7) Phenol-d6	6.57	99	298769	70.06	ng		0.00
23) Nitrobenzene-d5	7.50	82	264042	73.25	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	53750	65.01	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	479476	83.44	ng		0.00
79) Terphenyl-d14	13.06	244	373790	84.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	44187	28.184	ng		87
3) Pyridine	3.62	79	122860	35.787	ng	#	84
4) n-Nitrosodimethylamine	3.58	42	63232	40.251	ng		87
6) Aniline	6.60	93	72381	13.729	ng	#	63
8) 2-Chlorophenol	6.73	128	136212	35.122	ng		96
9) Benzaldehyde	6.50	77	49805	18.596	ng		98
10) Phenol	6.58	94	160349	33.387	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	128292	35.457	ng		94
12) 1,3-Dichlorobenzene	6.87	146	143128	33.593	ng		99
13) 1,4-Dichlorobenzene	6.95	146	146223	33.374	ng		97
14) 1,2-Dichlorobenzene	7.10	146	136753	33.163	ng		99
15) Benzyl Alcohol	7.08	79	103968	31.723	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	194172	33.720	ng		80
17) 2-Methylphenol	7.19	107	104664	33.942	ng	#	86
18) Hexachloroethane	7.44	117	42427	26.325	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	93027	33.488	ng		96
20) 3+4-Methylphenols	7.35	107	136937	33.407	ng	#	51
22) Acetophenone	7.35	105	185237	38.306	ng	#	92
24) Nitrobenzene	7.52	77	132922	35.458	ng		99
25) Isophorone	7.76	82	240889	40.738	ng		96
26) 2-Nitrophenol	7.84	139	51142	28.081	ng		98
27) 2,4-Dimethylphenol	7.87	122	113589	41.299	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	151476	38.238	ng		99
29) 2,4-Dichlorophenol	8.09	162	101033	35.104	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	112925	35.011	ng		97
31) Naphthalene	8.24	128	363687	37.607	ng		99
32) Benzoic acid	7.99	122	37661	18.417	ng		96
33) 4-Chloroaniline	8.30	127	54054	13.132	ng		96
34) Hexachlorobutadiene	8.35	225	64387	35.048	ng		99
35) Caprolactam	8.67	113	30233	30.769	ng	#	86
36) 4-Chloro-3-methylphenol	8.78	107	105146	32.880	ng		95
37) 2-Methylnaphthalene	8.93	142	235011	36.792	ng		100
38) 1-Methylnaphthalene	9.03	142	218819	35.219	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98694	37.687	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	114	10.457	ng	#	27
43) 2,4,6-Trichlorophenol	9.22	196	61590	39.378	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	62666	38.051	ng		94
46) 1,1'-Biphenyl	9.40	154	277651	36.176	ng		99
47) 2-Chloronaphthalene	9.43	162	203150	36.506	ng		100
48) 2-Nitroaniline	9.53	65	69173	39.741	ng		97
49) Acenaphthylene	9.85	152	308452	38.980	ng		100
50) Dimethylphthalate	9.69	163	244600	40.062	ng		99
51) 2,6-Dinitrotoluene	9.77	165	42023	30.917	ng		95
52) Acenaphthene	10.02	154	184822	36.434	ng		98
53) 3-Nitroaniline	9.95	138	57636	36.382	ng		96
54) 2,4-Dinitrophenol	10.11	184	936	5.576	ng	#	1
55) Dibenzofuran	10.19	168	266964	36.073	ng		99
56) 4-Nitrophenol	10.12	139	48346	56.227	ng		97
57) 2,4-Dinitrotoluene	10.19	165	46682	26.472	ng	#	77
58) Fluorene	10.53	166	208603	36.229	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	45864	33.934	ng	#	89
60) Diethylphthalate	10.39	149	239827	38.091	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	100912	33.507	ng		98
62) 4-Nitroaniline	10.56	138	57488	38.975	ng		98
63) Azobenzene	10.68	77	197329	32.155	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	1101	1.686	ng	#	72
66) n-Nitrosodiphenylamine	10.64	169	179768	39.116	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	56327	37.464	ng		94
68) Hexachlorobenzene	11.09	284	58060	36.255	ng		94
69) Atrazine	11.16	200	58084	53.283	ng		99
70) Pentachlorophenol	11.29	266	40371	63.363	ng		98
71) Phenanthrene	11.50	178	288479	39.455	ng		99
72) Anthracene	11.56	178	305077	40.971	ng		97
73) Carbazole	11.72	167	258801	35.808	ng		99
74) Di-n-butylphthalate	12.02	149	341643	40.430	ng		99
75) Fluoranthene	12.70	202	288693	38.416	ng		98
77) Benzidine	12.82	184	233055	106.066	ng		96
78) Pyrene	12.93	202	279590	44.562	ng		98
80) Butylbenzylphthalate	13.52	149	132629	46.821	ng		99
81) Benzo(a)anthracene	14.12	228	200500	39.533	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	73018	41.988	ng	#	97
83) Chrysene	14.16	228	187655	37.586	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	172512	45.705	ng		98
85) Di-n-octyl phthalate	14.69	149	262025	43.978	ng		97
86) Indeno(1,2,3-cd)pyrene	17.26	276	142760	39.836	ng		98
88) Benzo(b)fluoranthene	15.21	252	154648	40.575	ng		99
89) Benzo(k)fluoranthene	15.24	252	145844	37.177	ng		98
90) Benzo(a)pyrene	15.61	252	142404	40.139	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	123643	42.240	ng		100
92) Benzo(g,h,i)perylene	17.75	276	118976	42.155	ng		97

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

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