Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110993.D
Acq On : 27 Nov 2018 5:42
Operator : JU/SJ
Sample : PB115071BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115071BS

Quant Time: Nov 27 06:48:48 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	55959	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	213013	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	86039	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	144779	20.00	ng		0.00
76) Chrysene-d12	14.13	240	86933	20.00	ng		0.00
87) Perylene-d12	15.67	264	65117	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	269938	79.99	ng		0.02
7) Phenol-d6	6.57	99	328804	74.77	ng		0.00
23) Nitrobenzene-d5	7.50	82	292670	78.63	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	60192	70.44	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	530145	89.27	ng		0.00
79) Terphenyl-d14	13.06	244	415892	93.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	46080	28.503	ng		87
3) Pyridine	3.62	79	125011	35.313	ng	#	82
4) n-Nitrosodimethylamine	3.59	42	65284	40.302	ng		85
6) Aniline	6.60	93	82972	15.263	ng	#	63
8) 2-Chlorophenol	6.72	128	144851	36.221	ng		96
9) Benzaldehyde	6.50	77	52309	19.019	ng		96
10) Phenol	6.58	94	171605	34.651	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	138300	37.068	ng		93
12) 1,3-Dichlorobenzene	6.87	146	153276	34.888	ng		99
13) 1,4-Dichlorobenzene	6.95	146	155222	34.357	ng		96
14) 1,2-Dichlorobenzene	7.10	146	145913	34.315	ng		99
15) Benzyl Alcohol	7.08	79	112490	33.286	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	207258	34.905	ng		80
17) 2-Methylphenol	7.19	107	115438	36.305	ng	#	89
18) Hexachloroethane	7.44	117	44405	26.720	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	100037	34.923	ng		95
20) 3+4-Methylphenols	7.35	107	149304	35.323	ng	#	49
22) Acetophenone	7.35	105	199738	40.004	ng	#	93
24) Nitrobenzene	7.53	77	142166	36.730	ng		93
25) Isophorone	7.76	82	260028	42.590	ng		97
26) 2-Nitrophenol	7.84	139	55097	29.300	ng		98
27) 2,4-Dimethylphenol	7.87	122	125210	44.091	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	163361	39.939	ng		100
29) 2,4-Dichlorophenol	8.09	162	108860	36.633	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	122655	36.830	ng		95
31) Naphthalene	8.24	128	392742	39.333	ng		99
32) Benzoic acid	7.99	122	41841	19.817	ng		96
33) 4-Chloroaniline	8.30	127	60444	14.222	ng		98
34) Hexachlorobutadiene	8.35	225	71514	37.702	ng		97
35) Caprolactam	8.67	113	33022	32.549	ng	#	83
36) 4-Chloro-3-methylphenol	8.78	107	114401	34.648	ng		96
37) 2-Methylnaphthalene	8.93	142	254845	38.641	ng		100
38) 1-Methylnaphthalene	9.03	142	236441	36.857	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	106790	39.456	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	123	10.483 ng	#	27
43) 2,4,6-Trichlorophenol	9.22	196	65688	40.636 ng		99
44) 2,4,5-Trichlorophenol	9.27	196	67995	39.948 ng		96
46) 1,1'-Biphenyl	9.40	154	301180	37.969 ng		98
47) 2-Chloronaphthalene	9.43	162	222398	38.669 ng		99
48) 2-Nitroaniline	9.53	65	76104	42.305 ng		95
49) Acenaphthylene	9.85	152	328580	40.177 ng		98
50) Dimethylphthalate	9.69	163	268292	42.518 ng		99
51) 2,6-Dinitrotoluene	9.77	165	45361	32.291 ng		96
52) Acenaphthene	10.02	154	201937	38.517 ng		98
53) 3-Nitroaniline	9.95	138	62549	38.203 ng		95
54) 2,4-Dinitrophenol	10.10	184	1968	7.498 ng		91
55) Dibenzofuran	10.19	168	283921	37.120 ng		100
56) 4-Nitrophenol	10.12	139	52931	59.312 ng		97
57) 2,4-Dinitrotoluene	10.19	165	51958	28.508 ng	#	80
58) Fluorene	10.53	166	223836	37.614 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	51553	36.906 ng	#	92
60) Diethylphthalate	10.39	149	260105	39.972 ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	108656	34.908 ng		96
62) 4-Nitroaniline	10.57	138	60959	39.988 ng		93
63) Azobenzene	10.68	77	215529	33.982 ng		95
65) 4,6-Dinitro-2-methylphenol	10.62	198	1813	2.647 ng		90
66) n-Nitrosodiphenylamine	10.64	169	195825	40.631 ng		97
67) 4-Bromophenyl-phenylether	11.01	248	60483	38.359 ng		96
68) Hexachlorobenzene	11.09	284	62250	37.065 ng		96
69) Atrazine	11.16	200	63264	Below Cal		97
70) Pentachlorophenol	11.29	266	41847	62.628 ng		96
71) Phenanthrene	11.50	178	311304	40.598 ng		99
72) Anthracene	11.56	178	326554	41.818 ng		99
73) Carbazole	11.72	167	284207	37.497 ng		99
74) Di-n-butylphthalate	12.02	149	367116	41.426 ng		99
75) Fluoranthene	12.70	202	306855	38.936 ng		99
77) Benzidine	12.82	184	245101	110.228 ng		97
78) Pyrene	12.93	202	301379	47.466 ng		98
80) Butylbenzylphthalate	13.52	149	141912	49.505 ng		99
81) Benzo(a)anthracene	14.12	228	213426	41.584 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	76401	43.414 ng		97
83) Chrysene	14.16	228	199769	39.539 ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	185031	48.441 ng		97
85) Di-n-octyl phthalate	14.69	149	274622	45.546 ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	147978	40.803 ng		97
88) Benzo(b)fluoranthene	15.21	252	161496	42.217 ng		99
89) Benzo(k)fluoranthene	15.24	252	152013	38.607 ng		99
90) Benzo(a)pyrene	15.61	252	149596	42.012 ng		98
91) Dibenzo(a,h)anthracene	17.26	278	129692	44.144 ng		99
92) Benzo(g,h,i)perylene	17.75	276	117659	41.536 ng		99

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

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