Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108590.D
Acq On : 29 Aug 2018 7:26
Operator : JU/SJ
Sample : PB112433BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112433BS

Quant Time: Aug 29 07:56:55 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	107544	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	398874	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	190331	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	314610	20.00	ng		0.00
75) Chrysene-d12	14.19	240	258286	20.00	ng		0.00
86) Perylene-d12	15.75	264	214477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	603474	101.59	ng		0.01
7) Phenol-d6	6.64	99	809970	102.61	ng		0.00
23) Nitrobenzene-d5	7.57	82	784341	109.73	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	196874	103.70	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1451099	122.40	ng		0.00
78) Terphenyl-d14	13.12	244	1102463	108.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	108307	35.484	ng		88
3) Pyridine	3.72	79	298452	37.958	ng		86
4) n-Nitrosodimethylamine	3.69	42	165972	37.514	ng	#	82
6) Aniline	6.67	93	291161	27.117	ng	#	81
8) 2-Chlorophenol	6.79	128	332497	49.699	ng		95
9) Benzaldehyde	6.56	77	190783	31.173	ng		98
10) Phenol	6.65	94	405674	49.684	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	291822	44.208	ng		91
12) 1,3-Dichlorobenzene	6.94	146	377921	48.854	ng		99
13) 1,4-Dichlorobenzene	7.02	146	396636	51.033	ng		97
14) 1,2-Dichlorobenzene	7.17	146	362593	50.155	ng		96
15) Benzyl Alcohol	7.14	79	299204	45.025	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	589698	43.364	ng		83
17) 2-Methylphenol	7.25	107	282521	49.243	ng	#	91
18) Hexachloroethane	7.51	117	131060	47.365	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	248134	46.485	ng		91
20) 3+4-Methylphenols	7.40	107	362557	49.313	ng	#	69
22) Acetophenone	7.41	105	490022	52.540	ng	#	90
24) Nitrobenzene	7.58	77	373347	51.651	ng		94
25) Isophorone	7.82	82	669312	49.125	ng		97
26) 2-Nitrophenol	7.90	139	161854	59.293	ng		91
27) 2,4-Dimethylphenol	7.93	122	304136	50.296	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	406265	51.079	ng		99
29) 2,4-Dichlorophenol	8.14	162	302817	54.416	ng		100
30) 1,2,4-Trichlorobenzene	8.22	180	321392	52.383	ng		97
31) Naphthalene	8.31	128	1002370	55.258	ng		100
32) Benzoic acid	8.06	122	123521	36.794	ng		94
33) 4-Chloroaniline	8.36	127	117361	14.846	ng		99
34) Hexachlorobutadiene	8.41	225	207291	53.370	ng		97
35) Caprolactam	8.73	113	82522	47.321	ng	#	81
36) 4-Chloro-3-methylphenol	8.84	107	309161	51.499	ng		98
37) 2-Methylnaphthalene	9.00	142	668150	52.060	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	339505	58.086	ng		97
40) Hexachlorocyclopentadiene	9.14	237	106157	28.119	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	207862	57.309 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	219323	54.931 ng	#	95
45) 1,1'-Biphenyl	9.46	154	810412	57.750 ng		98
46) 2-Chloronaphthalene	9.49	162	616703	55.603 ng		99
47) 2-Nitroaniline	9.59	65	200167	55.777 ng		84
48) Acenaphthylene	9.91	152	964227	54.990 ng		100
49) Dimethylphthalate	9.76	163	741508	55.929 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	155116	55.921 ng		96
51) Acenaphthene	10.08	154	567096	52.803 ng		99
52) 3-Nitroaniline	10.01	138	88155	29.047 ng		95
53) 2,4-Dinitrophenol	10.11	184	30418	33.751 ng	#	32
54) Dibenzofuran	10.25	168	825167	53.033 ng		98
55) 4-Nitrophenol	10.17	139	172651	75.124 ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	192423	53.893 ng	#	97
57) Fluorene	10.60	166	642653	52.175 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	174426	52.267 ng	#	83
59) Diethylphthalate	10.45	149	698846	54.434 ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	342395	53.348 ng		90
61) 4-Nitroaniline	10.62	138	112859	37.612 ng		87
62) Azobenzene	10.74	77	660941	49.850 ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	29481	27.532 ng		85
65) n-Nitrosodiphenylamine	10.71	169	574323	61.775 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	207883	60.803 ng	#	84
67) Hexachlorobenzene	11.15	284	204941	56.971 ng	#	84
68) Atrazine	11.22	200	184336	59.115 ng		97
69) Pentachlorophenol	11.34	266	161253	93.653 ng		95
70) Phenanthrene	11.57	178	817439	55.087 ng		99
71) Anthracene	11.62	178	842682	55.407 ng		99
72) Carbazole	11.78	167	690633	51.110 ng		99
73) Di-n-butylphthalate	12.08	149	927113	60.573 ng		99
74) Fluoranthene	12.76	202	810428	50.042 ng		96
76) Benzidine	12.88	184	309957	32.119 ng		99
77) Pyrene	12.99	202	810969	49.594 ng		100
79) Butylbenzylphthalate	13.59	149	338628	52.151 ng		95
80) Benzo(a)anthracene	14.19	228	795114	53.641 ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	227290	42.787 ng	#	95
82) Chrysene	14.22	228	739433	54.412 ng		100
83) Bis(2-ethylhexyl)phthalate	14.14	149	460400	52.360 ng		99
84) Di-n-octyl phthalate	14.77	149	833344	62.143 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	548460	46.579 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	720394	56.211 ng	#	97
88) Benzo(k)fluoranthene	15.32	252	658989	55.937 ng	#	96
89) Benzo(a)pyrene	15.69	252	623930	54.367 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	471185	49.622 ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	437600	46.802 ng	#	89

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

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