Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106483.D
Acq On : 15 Jun 2018 9:54
Operator : JU/SJ
Sample : PB110266BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110266BS

Quant Time: Jun 15 11:12:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109173	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	377845	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	146834	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	267553	20.00	ng		0.00
75) Chrysene-d12	14.15	240	265661	20.00	ng		0.00
86) Perylene-d12	15.69	264	180478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	550671	85.37	ng		0.00
7) Phenol-d6	6.61	99	631741	77.52	ng		0.00
23) Nitrobenzene-d5	7.53	82	597011	92.95	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	124293	87.98	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	927161	133.05	ng		0.00
78) Terphenyl-d14	13.08	244	956332	89.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	120338	36.048	ng		94
3) Pyridine	3.65	79	346434	37.239	ng		99
4) n-Nitrosodimethylamine	3.62	42	160728	37.714	ng		97
6) Aniline	6.63	93	189156	15.895	ng	#	52
8) 2-Chlorophenol	6.76	128	269941	38.915	ng		96
9) Benzaldehyde	6.52	77	179951	29.112	ng		98
10) Phenol	6.62	94	351968	39.562	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	283404	37.211	ng		97
12) 1,3-Dichlorobenzene	6.91	146	316733	38.796	ng		98
13) 1,4-Dichlorobenzene	6.98	146	319055	38.511	ng		99
14) 1,2-Dichlorobenzene	7.14	146	292124	37.456	ng		99
15) Benzyl Alcohol	7.11	79	246672	35.344	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	418632	38.345	ng		77
17) 2-Methylphenol	7.22	107	224833	36.329	ng	#	93
18) Hexachloroethane	7.48	117	91876	31.123	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	190077	31.089	ng		96
20) 3+4-Methylphenols	7.38	107	283640	35.838	ng	#	81
22) Acetophenone	7.37	105	371648	39.030	ng	#	96
24) Nitrobenzene	7.55	77	297678	42.641	ng		97
25) Isophorone	7.78	82	523441	41.724	ng		98
26) 2-Nitrophenol	7.86	139	127185	46.938	ng		92
27) 2,4-Dimethylphenol	7.90	122	232094	43.701	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	331662	40.772	ng		98
29) 2,4-Dichlorophenol	8.11	162	213780	41.724	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	230149	40.061	ng		94
31) Naphthalene	8.27	128	709694	41.550	ng		99
32) Benzoic acid	8.01	122	123393	34.006	ng		87
33) 4-Chloroaniline	8.32	127	81698	10.793	ng		97
34) Hexachlorobutadiene	8.38	225	153232	41.517	ng		99
35) Caprolactam	8.68	113	64064	36.966	ng		87
36) 4-Chloro-3-methylphenol	8.81	107	211691	37.351	ng		96
37) 2-Methylnaphthalene	8.96	142	461165	39.641	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	226372	47.491	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	40025	15.219	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	143530	47.250	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	146764	44.817	ng		94
45) 1,1'-Biphenyl	9.42	154	525098	46.170	ng		98
46) 2-Chloronaphthalene	9.45	162	405576	44.562	ng		96
47) 2-Nitroaniline	9.55	65	141600	49.456	ng		87
48) Acenaphthylene	9.87	152	628586	45.122	ng		100
49) Dimethylphthalate	9.72	163	469715	44.775	ng		99
50) 2,6-Dinitrotoluene	9.78	165	93072	43.434	ng	#	85
51) Acenaphthene	10.04	154	357197	39.703	ng		100
52) 3-Nitroaniline	9.96	138	68036	26.751	ng		99
53) 2,4-Dinitrophenol	10.06	184	11980	19.480	ng	#	15
54) Dibenzofuran	10.21	168	513496	42.386	ng		98
55) 4-Nitrophenol	10.14	139	140717	72.183	ng		92
56) 2,4-Dinitrotoluene	10.19	165	113925	42.337	ng		96
57) Fluorene	10.56	166	391186	40.755	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	110043	42.398	ng	#	87
59) Diethylphthalate	10.42	149	424772	40.795	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	201273	39.868	ng	#	87
61) 4-Nitroaniline	10.57	138	82062	33.163	ng		95
62) Azobenzene	10.71	77	431714	39.763	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	13159	14.216	ng		91
65) n-Nitrosodiphenylamine	10.67	169	364584	40.545	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	124591	40.942	ng	#	85
67) Hexachlorobenzene	11.10	284	130057	41.455	ng	#	90
68) Atrazine	11.19	200	109272	39.433	ng		95
69) Pentachlorophenol	11.30	266	108123	55.978	ng		98
70) Phenanthrene	11.52	178	560283	42.760	ng		99
71) Anthracene	11.58	178	580752	44.241	ng		99
72) Carbazole	11.73	167	524256	43.259	ng		98
73) Di-n-butylphthalate	12.05	149	581059	43.080	ng		99
74) Fluoranthene	12.72	202	675740	48.358	ng		95
76) Benzidine	12.84	184	500479	56.605	ng		98
77) Pyrene	12.95	202	693267	41.683	ng		99
79) Butylbenzylphthalate	13.55	149	294242	47.262	ng		97
80) Benzo(a)anthracene	14.14	228	665136	42.072	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	226751	42.510	ng	#	96
82) Chrysene	14.18	228	622943	43.158	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	394251	44.166	ng		99
84) Di-n-octyl phthalate	14.75	149	668674	51.960	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	406088	35.252	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	497119	45.567	ng		97
88) Benzo(k)fluoranthene	15.27	252	458328	42.420	ng	#	96
89) Benzo(a)pyrene	15.63	252	424938	43.304	ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	339455	41.493	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	335295	42.173	ng	#	91

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

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