Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107693.D
Acq On : 26 Jul 2018 8:36
Operator : JU/SJ
Sample : PB111438BSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111438BSD

Quant Time: Jul 26 10:57:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	183752	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	674084	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	263138	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	447617	20.00	ng		0.00
75) Chrysene-d12	14.15	240	316945	20.00	ng		-0.01
86) Perylene-d12	15.69	264	262186	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	885328	77.47	ng		0.00
7) Phenol-d6	6.60	99	1067240	77.77	ng		-0.01
23) Nitrobenzene-d5	7.54	82	999454	100.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	256816	85.83	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1756302	133.26	ng		-0.01
78) Terphenyl-d14	13.09	244	1311947	105.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	158256	29.750	ng	#	85
3) Pyridine	3.68	79	410683	28.379	ng	#	84
4) n-Nitrosodimethylamine	3.65	42	173247	28.385	ng		94
6) Aniline	6.64	93	369924	20.900	ng	#	79
8) 2-Chlorophenol	6.76	128	488731	39.915	ng		99
9) Benzaldehyde	6.52	77	169000	17.093	ng		92
10) Phenol	6.62	94	556063	34.454	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	401583	30.013	ng		94
12) 1,3-Dichlorobenzene	6.91	146	525304	37.840	ng		97
13) 1,4-Dichlorobenzene	6.98	146	562608	39.541	ng		98
14) 1,2-Dichlorobenzene	7.14	146	504810	39.534	ng		99
15) Benzyl Alcohol	7.11	79	362538	38.763	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	774335	34.303	ng		84
17) 2-Methylphenol	7.22	107	404681	38.886	ng		95
18) Hexachloroethane	7.47	117	155015	31.061	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	321405	36.255	ng		98
20) 3+4-Methylphenols	7.37	107	507827	41.095	ng	#	69
22) Acetophenone	7.38	105	690367	43.609	ng	#	90
24) Nitrobenzene	7.55	77	475390	41.554	ng		98
25) Isophorone	7.78	82	889473	41.707	ng		99
26) 2-Nitrophenol	7.87	139	228042	47.203	ng		98
27) 2,4-Dimethylphenol	7.90	122	420726	46.007	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	572399	40.162	ng		100
29) 2,4-Dichlorophenol	8.11	162	394492	42.206	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	425960	40.575	ng		99
31) Naphthalene	8.27	128	1359176	45.853	ng		99
32) Benzoic acid	8.02	122	194815	33.393	ng		98
33) 4-Chloroaniline	8.33	127	181361	13.998	ng		99
34) Hexachlorobutadiene	8.38	225	259482	41.597	ng		98
35) Caprolactam	8.70	113	115677	38.049	ng	#	70
36) 4-Chloro-3-methylphenol	8.81	107	412096	39.690	ng		99
37) 2-Methylnaphthalene	8.97	142	891044	43.379	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	416844	47.494	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	46102	10.333	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	240057	42.731	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	269671	45.929	ng		96
45) 1,1'-Biphenyl	9.43	154	1087225	47.431	ng		98
46) 2-Chloronaphthalene	9.46	162	771830	44.051	ng		98
47) 2-Nitroaniline	9.56	65	272249	53.298	ng		92
48) Acenaphthylene	9.87	152	1210927	46.007	ng		99
49) Dimethylphthalate	9.72	163	915597	46.168	ng		99
50) 2,6-Dinitrotoluene	9.80	165	178501	45.335	ng		96
51) Acenaphthene	10.05	154	710005	43.054	ng		100
52) 3-Nitroaniline	9.97	138	178508	37.266	ng		99
53) 2,4-Dinitrophenol	10.08	184	19403	21.474	ng	#	69
54) Dibenzofuran	10.22	168	1035148	42.637	ng		99
55) 4-Nitrophenol	10.14	139	230751	64.341	ng		95
56) 2,4-Dinitrotoluene	10.20	165	202993	42.710	ng	#	94
57) Fluorene	10.56	166	796338	45.977	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	220147	45.052	ng	#	84
59) Diethylphthalate	10.42	149	912189	44.042	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	406327	41.497	ng		93
61) 4-Nitroaniline	10.59	138	184765	45.910	ng		94
62) Azobenzene	10.71	77	759910	39.127	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	17285	15.233	ng		93
65) n-Nitrosodiphenylamine	10.67	169	712496	46.868	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	231159	43.870	ng	#	87
67) Hexachlorobenzene	11.11	284	245226	42.297	ng	#	89
68) Atrazine	11.19	200	202245	43.573	ng		95
69) Pentachlorophenol	11.31	266	222785	61.520	ng		97
70) Phenanthrene	11.53	178	991801	45.469	ng		99
71) Anthracene	11.58	178	1072052	48.814	ng		100
72) Carbazole	11.74	167	996265	43.623	ng		99
73) Di-n-butylphthalate	12.05	149	1251150	58.075	ng		100
74) Fluoranthene	12.72	202	1078253	46.066	ng		96
76) Benzidine	12.85	184	718996	78.773	ng		97
77) Pyrene	12.95	202	1060545	48.920	ng		99
79) Butylbenzylphthalate	13.55	149	495838	53.182	ng		94
80) Benzo(a)anthracene	14.14	228	857395	46.162	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	305305	61.745	ng		96
82) Chrysene	14.18	228	842373	47.214	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	647125	49.192	ng		100
84) Di-n-octyl phthalate	14.72	149	1078110	52.725	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	652645	43.160	ng		94
87) Benzo(b)fluoranthene	15.23	252	642120	44.750	ng		98
88) Benzo(k)fluoranthene	15.26	252	723656	51.476	ng		98
89) Benzo(a)pyrene	15.62	252	635723	48.434	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	558541	49.227	ng		98
91) Benzo(g,h,i)perylene	17.75	276	534778	47.783	ng	#	92

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

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