Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110045.D
Acq On : 22 Oct 2018 13:22
Operator : JU/SJ
Sample : PB114048BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:37:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241135	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	1008855	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	488745	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	913672	20.00	ng		0.00
76) Chrysene-d12	14.16	240	638310	20.00	ng		0.00
87) Perylene-d12	15.67	264	484403	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1794931	117.99	ng		0.01
7) Phenol-d6	6.60	99	2267494	120.04	ng		0.00
23) Nitrobenzene-d5	7.54	82	1309043	87.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.82	330	552403	130.55	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2337929	76.33	ng		0.00
79) Terphenyl-d14	13.09	244	1893797	62.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	212895	24.640	ng		90
3) Pyridine	3.70	79	575791	29.892	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	334481	42.567	ng		95
6) Aniline	6.64	93	843603	33.140	ng	#	54
8) 2-Chlorophenol	6.76	128	687796	40.364	ng		98
9) Benzaldehyde	6.52	77	340154	27.710	ng		98
10) Phenol	6.62	94	862999	42.315	ng	#	66
11) bis(2-Chloroethyl)ether	6.71	93	658172	38.597	ng		95
12) 1,3-Dichlorobenzene	6.91	146	722856	38.686	ng		100
13) 1,4-Dichlorobenzene	6.99	146	736272	39.126	ng		96
14) 1,2-Dichlorobenzene	7.15	146	678220	39.139	ng		100
15) Benzyl Alcohol	7.11	79	595980	41.010	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1078186	38.522	ng		68
17) 2-Methylphenol	7.22	107	580956	42.280	ng	#	80
18) Hexachloroethane	7.48	117	275091	41.367	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	472792	38.982	ng		97
20) 3+4-Methylphenols	7.37	107	701637	40.240	ng		96
22) Acetophenone	7.38	105	955803	40.853	ng		96
24) Nitrobenzene	7.56	77	717287	44.089	ng		94
25) Isophorone	7.79	82	1343827	45.667	ng		96
26) 2-Nitrophenol	7.87	139	350549	51.967	ng		96
27) 2,4-Dimethylphenol	7.90	122	653036	46.073	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	824155	40.809	ng		99
29) 2,4-Dichlorophenol	8.11	162	581710	42.306	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	628113	40.798	ng		95
31) Naphthalene	8.28	128	1964962	42.474	ng		99
32) Benzoic acid	8.03	122	410169	46.445	ng		90
33) 4-Chloroaniline	8.32	127	540162	25.974	ng		99
34) Hexachlorobutadiene	8.39	225	334921	39.451	ng		100
35) Caprolactam	8.70	113	215512m	44.133	ng		
36) 4-Chloro-3-methylphenol	8.80	107	628103	43.301	ng		96
37) 2-Methylnaphthalene	8.97	142	1364448	45.548	ng		99
38) 1-Methylnaphthalene	9.07	142	1272875	43.850	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	570256	37.881	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	684261	94.175 ng		98
43) 2,4,6-Trichlorophenol	9.25	196	399930	42.487 ng		96
44) 2,4,5-Trichlorophenol	9.29	196	422679	43.265 ng		95
46) 1,1'-Biphenyl	9.43	154	1628254	37.392 ng		97
47) 2-Chloronaphthalene	9.46	162	1251237	39.009 ng		99
48) 2-Nitroaniline	9.56	65	399677	48.555 ng		95
49) Acenaphthylene	9.88	152	1948052	41.807 ng		97
50) Dimethylphthalate	9.73	163	1433806	41.430 ng		99
51) 2,6-Dinitrotoluene	9.80	165	323525	49.219 ng		97
52) Acenaphthene	10.05	154	1207011	40.687 ng		99
53) 3-Nitroaniline	9.97	138	269572	33.714 ng		95
54) 2,4-Dinitrophenol	10.08	184	266437	121.979 ng		84
55) Dibenzofuran	10.23	168	1687605	39.889 ng		98
56) 4-Nitrophenol	10.13	139	577299	94.623 ng		93
57) 2,4-Dinitrotoluene	10.20	165	434745	51.942 ng		92
58) Fluorene	10.57	166	1323245	42.965 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	354847	45.830 ng		96
60) Diethylphthalate	10.43	149	1378459	40.328 ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	615422	38.361 ng		97
62) 4-Nitroaniline	10.59	138	371106	49.030 ng		94
63) Azobenzene	10.72	77	1379554	38.634 ng		95
65) 4,6-Dinitro-2-methylphenol	10.62	198	170315	50.885 ng		98
66) n-Nitrosodiphenylamine	10.67	169	1189283	39.082 ng		95
67) 4-Bromophenyl-phenylether	11.05	248	378756	38.251 ng	#	89
68) Hexachlorobenzene	11.12	284	404730	38.330 ng		96
69) Atrazine	11.20	200	403662	42.466 ng		98
70) Pentachlorophenol	11.31	266	435671	72.501 ng		96
71) Phenanthrene	11.53	178	1937161	40.954 ng		98
72) Anthracene	11.59	178	1996106	41.975 ng		99
73) Carbazole	11.74	167	1781419	38.116 ng		98
74) Di-n-butylphthalate	12.06	149	2042500	39.159 ng		99
75) Fluoranthene	12.72	202	1984790	42.003 ng		97
77) Benzidine	12.84	184	1113430	45.495 ng		97
78) Pyrene	12.96	202	1981662	42.269 ng		99
80) Butylbenzylphthalate	13.56	149	865143	45.645 ng		94
81) Benzo(a)anthracene	14.14	228	1635678	43.504 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	360778	27.371 ng		99
83) Chrysene	14.18	228	1490645	41.653 ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	1119404	44.884 ng		96
85) Di-n-octyl phthalate	14.73	149	1665178	47.358 ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1252835	43.479 ng	#	95
88) Benzo(b)fluoranthene	15.22	252	1264062	45.263 ng		97
89) Benzo(k)fluoranthene	15.25	252	1227979	44.611 ng	#	96
90) Benzo(a)pyrene	15.61	252	1182618	46.043 ng		97
91) Dibenzo(a,h)anthracene	17.26	278	1032831	45.374 ng		98
92) Benzo(g,h,i)perylene	17.72	276	1052872	45.780 ng	#	95

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

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