Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108988.D
Acq On : 14 Sep 2018 11:25
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Sep 14 12:26:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 12:24:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155419	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	623235	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	305428	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	581465	20.00	ng		0.00
75) Chrysene-d12	13.86	240	394296	20.00	ng		0.00
86) Perylene-d12	15.26	264	384871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	888524	94.71	ng		0.00
7) Phenol-d6	6.36	99	1146802	95.01	ng		0.00
23) Nitrobenzene-d5	7.29	82	1067215	107.16	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	317343	108.84	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1818038	101.55	ng		0.00
78) Terphenyl-d14	12.81	244	1587576	93.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	215091	47.707	ng		93
3) Pyridine	3.10	79	601361	48.704	ng		90
4) n-Nitrosodimethylamine	3.04	42	225340	47.516	ng		93
6) Aniline	6.38	93	744749	45.874	ng		100
8) 2-Chlorophenol	6.51	128	501944	48.338	ng		99
9) Benzaldehyde	6.27	77	376580	43.976	ng		99
10) Phenol	6.37	94	648992	46.942	ng		83
11) bis(2-Chloroethyl)ether	6.47	93	519022	46.863	ng		94
12) 1,3-Dichlorobenzene	6.67	146	572875	48.345	ng		99
13) 1,4-Dichlorobenzene	6.74	146	575421	48.558	ng		98
14) 1,2-Dichlorobenzene	6.90	146	526033	48.160	ng		99
15) Benzyl Alcohol	6.87	79	445137	48.053	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	748369	45.204	ng		96
17) 2-Methylphenol	6.98	107	412846	47.045	ng		97
18) Hexachloroethane	7.24	117	211626	49.528	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	386300	46.041	ng		98
20) 3+4-Methylphenols	7.14	107	479154	46.611	ng	#	59
22) Acetophenone	7.14	105	655030	46.310	ng	#	91
24) Nitrobenzene	7.31	77	549952	51.467	ng		99
25) Isophorone	7.55	82	928413	46.737	ng		99
26) 2-Nitrophenol	7.62	139	271389	64.466	ng		95
27) 2,4-Dimethylphenol	7.67	122	405629	47.449	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	615765	46.364	ng		99
29) 2,4-Dichlorophenol	7.87	162	437369	49.617	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	466278	48.809	ng		97
31) Naphthalene	8.03	128	1359491	48.485	ng		99
32) Benzoic acid	7.80	122	266442	50.901	ng		98
33) 4-Chloroaniline	8.08	127	613318	47.626	ng		98
34) Hexachlorobutadiene	8.15	225	285128	49.961	ng		99
35) Caprolactam	8.46	113	143438	48.021	ng	#	80
36) 4-Chloro-3-methylphenol	8.56	107	452690	48.208	ng		99
37) 2-Methylnaphthalene	8.72	142	881625	47.593	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	450457	49.338	ng		98
40) Hexachlorocyclopentadiene	8.88	237	253629	55.219	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	315191	50.684	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	324597	50.355	ng		93
45) 1,1'-Biphenyl	9.18	154	1129945	48.054	ng		99
46) 2-Chloronaphthalene	9.21	162	916982	48.220	ng		98
47) 2-Nitroaniline	9.30	65	294380	56.665	ng		94
48) Acenaphthylene	9.62	152	1381729	48.745	ng		99
49) Dimethylphthalate	9.49	163	1024997	47.981	ng		99
50) 2,6-Dinitrotoluene	9.54	165	235724	57.908	ng		99
51) Acenaphthene	9.79	154	863954	49.253	ng		98
52) 3-Nitroaniline	9.71	138	278455	57.466	ng		95
53) 2,4-Dinitrophenol	9.81	184	97873	82.673	ng	#	17
54) Dibenzofuran	9.96	168	1228744	48.055	ng		97
55) 4-Nitrophenol	9.87	139	210253	58.042	ng		96
56) 2,4-Dinitrotoluene	9.94	165	316784	60.853	ng	#	99
57) Fluorene	10.30	166	830994	50.644	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	270099	51.958	ng		89
59) Diethylphthalate	10.18	149	1038592	47.111	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	444952	50.774	ng		95
61) 4-Nitroaniline	10.32	138	265145	60.402	ng		99
62) Azobenzene	10.45	77	1051651	46.214	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	147878	72.161	ng		79
65) n-Nitrosodiphenylamine	10.42	169	904328	46.778	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	316459	48.186	ng		89
67) Hexachlorobenzene	10.85	284	333544	47.577	ng	#	89
68) Atrazine	10.94	200	294617	47.604	ng		99
69) Pentachlorophenol	11.04	266	238941	55.747	ng		99
70) Phenanthrene	11.26	178	1322505	47.628	ng		99
71) Anthracene	11.31	178	1341934	50.475	ng		99
72) Carbazole	11.46	167	1334521	47.664	ng		99
73) Di-n-butylphthalate	11.80	149	1569597	50.482	ng		99
74) Fluoranthene	12.44	202	1391402	50.610	ng		97
76) Benzidine	12.56	184	640351	34.265	ng		99
77) Pyrene	12.67	202	1445462	47.641	ng		99
79) Butylbenzylphthalate	13.29	149	670081	49.043	ng		95
80) Benzo(a)anthracene	13.85	228	1155532	45.722	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	488358	49.597	ng		98
82) Chrysene	13.89	228	1198974	49.005	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	790872	46.060	ng		100
84) Di-n-octyl phthalate	14.46	149	1371503	47.911	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	869668	40.165	ng		94
87) Benzo(b)fluoranthene	14.87	252	1018757	48.680	ng		98
88) Benzo(k)fluoranthene	14.89	252	967709	50.212	ng		97
89) Benzo(a)pyrene	15.21	252	903778	47.862	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	724745	43.557	ng		97
91) Benzo(g,h,i)perylene	17.02	276	719738	43.202	ng	#	93

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

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