Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111458.D
Acq On : 15 Dec 2018 10:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 16 00:34:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	207774	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	864429	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	399769	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	676496	20.00	ng		0.00
76) Chrysene-d12	13.96	240	452772	20.00	ng		0.00
87) Perylene-d12	15.39	264	344213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1015122	81.30	ng		0.00
7) Phenol-d6	6.45	99	1292012	77.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	1228287	84.61	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	287818	80.37	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2204329	85.17	ng		0.00
79) Terphenyl-d14	12.90	244	1733689	89.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	223917	37.131	ng		95
3) Pyridine	3.25	79	582788	38.479	ng		90
4) n-Nitrosodimethylamine	3.20	42	279957	40.694	ng		82
6) Aniline	6.46	93	808603	39.249	ng	#	83
8) 2-Chlorophenol	6.59	128	601872	40.343	ng		98
9) Benzaldehyde	6.35	77	366088	36.341	ng		98
10) Phenol	6.46	94	716329	38.717	ng	#	74
11) bis(2-Chloroethyl)ether	6.53	93	573237	39.524	ng		98
12) 1,3-Dichlorobenzene	6.74	146	649418	39.545	ng		98
13) 1,4-Dichlorobenzene	6.82	146	666514	39.985	ng		97
14) 1,2-Dichlorobenzene	6.97	146	617831	39.398	ng		99
15) Benzyl Alcohol	6.95	79	511025	40.438	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1138803	40.214	ng		97
17) 2-Methylphenol	7.06	107	470174	39.160	ng	#	94
18) Hexachloroethane	7.31	117	246935	39.806	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	427430	39.008	ng		92
20) 3+4-Methylphenols	7.22	107	585689	38.888	ng	#	78
22) Acetophenone	7.21	105	817126	42.345	ng	#	96
24) Nitrobenzene	7.38	77	613114	41.404	ng		98
25) Isophorone	7.62	82	994534	40.491	ng		99
26) 2-Nitrophenol	7.70	139	322145	41.948	ng		96
27) 2,4-Dimethylphenol	7.74	122	469533	42.174	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	688896	40.628	ng		98
29) 2,4-Dichlorophenol	7.95	162	497774	41.883	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	513509	41.274	ng		100
31) Naphthalene	8.10	128	1623695	40.159	ng		96
32) Benzoic acid	7.87	122	338691	35.204	ng		96
33) 4-Chloroaniline	8.15	127	712014	39.603	ng		97
34) Hexachlorobutadiene	8.22	225	291961	42.595	ng		97
35) Caprolactam	8.53	113	164364	37.249	ng		92
36) 4-Chloro-3-methylphenol	8.64	107	521708	39.880	ng		100
37) 2-Methylnaphthalene	8.79	142	1059918	38.741	ng		100
38) 1-Methylnaphthalene	8.89	142	1001115	37.877	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	465617	42.471	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	233128	41.417 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	324179	41.779 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	343453	41.596 ng	94
46) 1,1'-Biphenyl	9.26	154	1391987	41.094 ng	96
47) 2-Chloronaphthalene	9.28	162	1068087	41.483 ng	97
48) 2-Nitroaniline	9.37	65	338989	40.549 ng	99
49) Acenaphthylene	9.70	152	1553204	40.640 ng	96
50) Dimethylphthalate	9.56	163	1155389	40.131 ng	98
51) 2,6-Dinitrotoluene	9.62	165	260370	40.178 ng	98
52) Acenaphthene	9.87	154	982984	40.693 ng	98
53) 3-Nitroaniline	9.79	138	308463	39.188 ng	89
54) 2,4-Dinitrophenol	9.89	184	91190	36.986 ng	94
55) Dibenzofuran	10.04	168	1423301	40.593 ng	98
56) 4-Nitrophenol	9.96	139	216083	39.667 ng	100
57) 2,4-Dinitrotoluene	10.02	165	337460	39.674 ng	94
58) Fluorene	10.39	166	1036981	40.774 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	257771	39.957 ng	99
60) Diethylphthalate	10.26	149	1177336	40.370 ng	97
61) 4-Chlorophenyl-phenylether	10.37	204	508410	40.860 ng	97
62) 4-Nitroaniline	10.40	138	296762	38.085 ng	99
63) Azobenzene	10.53	77	1148765	39.956 ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	146706	38.413 ng	99
66) n-Nitrosodiphenylamine	10.50	169	978592	41.948 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	307901	42.229 ng	94
68) Hexachlorobenzene	10.93	284	316211	42.161 ng	92
69) Atrazine	11.02	200	278075	41.245 ng	95
70) Pentachlorophenol	11.13	266	189562	41.207 ng	96
71) Phenanthrene	11.35	178	1422477	40.807 ng	95
72) Anthracene	11.40	178	1470035	41.236 ng	95
73) Carbazole	11.55	167	1481354	40.184 ng	95
74) Di-n-butylphthalate	11.88	149	1743907	42.476 ng	97
75) Fluoranthene	12.53	202	1386219	40.649 ng	95
77) Benzidine	12.65	184	692366	41.599 ng	96
78) Pyrene	12.76	202	1437627	45.036 ng	95
80) Butylbenzylphthalate	13.37	149	683652	43.937 ng	97
81) Benzo(a)anthracene	13.94	228	1010896	41.062 ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	394372	39.405 ng	96
83) Chrysene	13.99	228	1039515	40.082 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	885624	44.563 ng	98
85) Di-n-octyl phthalate	14.55	149	1338624	39.932 ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	753420	40.252 ng	94
88) Benzo(b)fluoranthene	14.98	252	792443	39.488 ng	98
89) Benzo(k)fluoranthene	15.01	252	813240	42.411 ng	98
90) Benzo(a)pyrene	15.33	252	735655	40.651 ng	97
91) Dibenzo(a,h)anthracene	16.83	278	633640	44.387 ng	96
92) Benzo(g,h,i)perylene	17.24	276	622463	44.422 ng	94

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

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