Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111718.D
Acq On : 26 Dec 2018 17:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 27 02:14:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	195637	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	719466	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	372363	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	706202	20.00	ng		0.01
76) Chrysene-d12	14.06	240	497011	20.00	ng		0.01
87) Perylene-d12	15.54	264	379497	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	838400	73.05	ng		0.01
7) Phenol-d6	6.54	99	1070146	73.26	ng		0.02
23) Nitrobenzene-d5	7.46	82	1026810	83.07	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	369400	83.96	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1958402	76.66	ng		0.00
79) Terphenyl-d14	13.01	244	2131819	81.34	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	179834	33.302	ng		96
3) Pyridine	3.47	79	481688	34.239	ng		99
4) n-Nitrosodimethylamine	3.42	42	245068	35.594	ng		82
6) Aniline	6.56	93	666414	35.792	ng		98
8) 2-Chlorophenol	6.69	128	478700	37.651	ng		97
9) Benzaldehyde	6.45	77	348954	34.736	ng		99
10) Phenol	6.55	94	594378	36.065	ng		84
11) bis(2-Chloroethyl)ether	6.63	93	455387	36.873	ng		96
12) 1,3-Dichlorobenzene	6.85	146	558195	37.884	ng		99
13) 1,4-Dichlorobenzene	6.92	146	559396	37.435	ng		99
14) 1,2-Dichlorobenzene	7.07	146	533482	38.265	ng		98
15) Benzyl Alcohol	7.04	79	442462	38.141	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	782839	34.417	ng		98
17) 2-Methylphenol	7.16	107	381569	37.480	ng		96
18) Hexachloroethane	7.42	117	201131	39.942	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	352914	36.381	ng		99
20) 3+4-Methylphenols	7.31	107	474432	36.881	ng	#	90
22) Acetophenone	7.31	105	673616	36.957	ng	#	97
24) Nitrobenzene	7.48	77	519461	40.098	ng		99
25) Isophorone	7.72	82	820490	37.392	ng		98
26) 2-Nitrophenol	7.80	139	260165	49.517	ng		93
27) 2,4-Dimethylphenol	7.84	122	378815	36.575	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	551709	37.783	ng		99
29) 2,4-Dichlorophenol	8.05	162	434624	39.015	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	475413	38.297	ng		97
31) Naphthalene	8.21	128	1313817	38.005	ng		96
32) Benzoic acid	7.95	122	240947	35.185	ng		94
33) 4-Chloroaniline	8.25	127	569284	38.101	ng		99
34) Hexachlorobutadiene	8.33	225	302797	40.021	ng		98
35) Caprolactam	8.62	113	139013	36.826	ng		93
36) 4-Chloro-3-methylphenol	8.73	107	423740	38.696	ng		99
37) 2-Methylnaphthalene	8.90	142	867733	38.581	ng		99
38) 1-Methylnaphthalene	9.00	142	841790	38.971	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	474015	38.740	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	277454	46.728	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	319971	39.168	ng		100
44) 2,4,5-Trichlorophenol	9.22	196	329355	39.299	ng		95
46) 1,1'-Biphenyl	9.36	154	1200611	38.196	ng		95
47) 2-Chloronaphthalene	9.39	162	941141	37.791	ng		95
48) 2-Nitroaniline	9.47	65	283480	43.755	ng		99
49) Acenaphthylene	9.80	152	1394512	38.351	ng		95
50) Dimethylphthalate	9.66	163	1062920	39.035	ng		98
51) 2,6-Dinitrotoluene	9.72	165	239220	44.058	ng		88
52) Acenaphthene	9.97	154	884644	39.447	ng		98
53) 3-Nitroaniline	9.89	138	256569	44.308	ng		98
54) 2,4-Dinitrophenol	9.99	184	101077	60.016	ng	#	71
55) Dibenzofuran	10.15	168	1308371	38.616	ng		96
56) 4-Nitrophenol	10.05	139	195011	44.129	ng		90
57) 2,4-Dinitrotoluene	10.12	165	314409	48.180	ng	#	94
58) Fluorene	10.49	166	945725	38.736	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	279993	39.699	ng		90
60) Diethylphthalate	10.36	149	1037353	38.837	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	528762	39.200	ng		91
62) 4-Nitroaniline	10.50	138	250428	44.496	ng		86
63) Azobenzene	10.64	77	1018722	37.990	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	158760	53.503	ng	#	72
66) n-Nitrosodiphenylamine	10.60	169	908034	38.304	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	339576	38.768	ng		93
68) Hexachlorobenzene	11.04	284	381200	39.032	ng		98
69) Atrazine	11.12	200	318416	38.664	ng		95
70) Pentachlorophenol	11.23	266	236727	39.208	ng		97
71) Phenanthrene	11.45	178	1412292	37.709	ng		95
72) Anthracene	11.50	178	1415604	37.656	ng		96
73) Carbazole	11.65	167	1370664	37.555	ng		95
74) Di-n-butylphthalate	11.98	149	1578090	38.564	ng		97
75) Fluoranthene	12.64	202	1412143	37.234	ng		95
77) Benzidine	12.75	184	618059	33.047	ng		99
78) Pyrene	12.87	202	1414545	40.303	ng		97
80) Butylbenzylphthalate	13.48	149	597487	41.763	ng		88
81) Benzo(a)anthracene	14.05	228	1085917	38.285	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	423772	37.813	ng	#	97
83) Chrysene	14.09	228	1051399	37.715	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	760211	42.185	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1045171	37.433	ng		95
86) Indeno(1,2,3-cd)pyrene	17.04	276	826804	34.888	ng	#	87
88) Benzo(b)fluoranthene	15.11	252	833233	37.568	ng	#	94
89) Benzo(k)fluoranthene	15.14	252	823136	38.983	ng	#	95
90) Benzo(a)pyrene	15.48	252	754096	37.424	ng	#	95
91) Dibenzo(a,h)anthracene	17.06	278	686806	38.924	ng	#	91
92) Benzo(g,h,i)perylene	17.49	276	689245	40.003	ng	#	86

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

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