Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118200.D
Acq On : 16 Dec 2019 16:51
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 17 01:05:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136107	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	510392	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	264456	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	482329	20.00	ng		0.00
76) Chrysene-d12	14.06	240	326247	20.00	ng		0.00
87) Perylene-d12	15.55	264	276909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	612667	78.84	ng		0.00
7) Phenol-d6	6.50	99	743485	79.10	ng		0.00
23) Nitrobenzene-d5	7.43	82	710647	78.33	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	234941	73.13	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1381435	79.49	ng		0.00
79) Terphenyl-d14	13.00	244	1452920	76.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	127456	38.898	ng		99
3) Pyridine	3.39	79	326268	38.594	ng		99
4) n-Nitrosodimethylamine	3.35	42	139066	38.239	ng		99
6) Aniline	6.53	93	473333	39.368	ng		99
8) 2-Chlorophenol	6.65	128	341890	39.017	ng		97
9) Benzaldehyde	6.42	77	191255	38.822	ng		95
10) Phenol	6.51	94	420242	39.204	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	294438	37.979	ng		96
12) 1,3-Dichlorobenzene	6.80	146	399121	38.991	ng		98
13) 1,4-Dichlorobenzene	6.89	146	408075	39.591	ng		95
14) 1,2-Dichlorobenzene	7.04	146	379708	39.227	ng		99
15) Benzyl Alcohol	7.01	79	285539	38.917	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	347069	37.233	ng		96
17) 2-Methylphenol	7.12	107	272566	39.110	ng		99
18) Hexachloroethane	7.38	117	146939	38.688	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	216979	37.990	ng		96
20) 3+4-Methylphenols	7.27	107	346703	39.605	ng		89
22) Acetophenone	7.28	105	483002	39.390	ng	#	94
24) Nitrobenzene	7.45	77	344111	38.606	ng		98
25) Isophorone	7.69	82	579898	37.706	ng		98
26) 2-Nitrophenol	7.77	139	184169	38.657	ng		96
27) 2,4-Dimethylphenol	7.80	122	242682	38.188	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	385982	38.408	ng		99
29) 2,4-Dichlorophenol	8.02	162	285974	38.602	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	338410	39.087	ng		99
31) Naphthalene	8.17	128	1010602	39.426	ng		99
32) Benzoic acid	7.94	122	229224	39.949	ng		95
33) 4-Chloroaniline	8.23	127	423225	38.239	ng		96
34) Hexachlorobutadiene	8.29	225	201400	38.793	ng		99
35) Caprolactam	8.60	113	88224	38.616	ng		99
36) 4-Chloro-3-methylphenol	8.71	107	297809	38.199	ng		97
37) 2-Methylnaphthalene	8.87	142	671174	38.676	ng		99
38) 1-Methylnaphthalene	8.97	142	631281	38.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	313095	39.081	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	141502	39.422	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	205480	38.415	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	210956	38.066	ng		96
46) 1,1'-Biphenyl	9.33	154	824305	39.521	ng		99
47) 2-Chloronaphthalene	9.36	162	657230	39.173	ng		98
48) 2-Nitroaniline	9.46	65	186662	39.013	ng		98
49) Acenaphthylene	9.78	152	976392	39.456	ng		99
50) Dimethylphthalate	9.63	163	737330	37.746	ng		99
51) 2,6-Dinitrotoluene	9.70	165	160709	37.836	ng		94
52) Acenaphthene	9.95	154	578480	38.299	ng		99
53) 3-Nitroaniline	9.87	138	189937	37.997	ng		99
54) 2,4-Dinitrophenol	9.98	184	91685	43.387	ng		97
55) Dibenzofuran	10.12	168	873757	39.480	ng		100
56) 4-Nitrophenol	10.03	139	122257	35.242	ng		96
57) 2,4-Dinitrotoluene	10.11	165	221011	38.984	ng		92
58) Fluorene	10.47	166	681954	38.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	170932	37.386	ng		99
60) Diethylphthalate	10.33	149	712102	37.000	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	336048	37.974	ng		96
62) 4-Nitroaniline	10.49	138	193873	37.187	ng		97
63) Azobenzene	10.62	77	622123	37.866	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	95248	35.758	ng		88
66) n-Nitrosodiphenylamine	10.57	169	589397	39.131	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	205461	37.317	ng		95
68) Hexachlorobenzene	11.02	284	247319	38.163	ng	#	91
69) Atrazine	11.10	200	170792	41.342	ng		99
70) Pentachlorophenol	11.22	266	104132	34.168	ng		98
71) Phenanthrene	11.43	178	1001648	39.066	ng		99
72) Anthracene	11.49	178	1001349	39.149	ng		100
73) Carbazole	11.64	167	897499	39.108	ng		99
74) Di-n-butylphthalate	11.97	149	1032461	35.948	ng		99
75) Fluoranthene	12.63	202	999781	38.139	ng		98
77) Benzidine	12.75	184	322692	37.573	ng		99
78) Pyrene	12.86	202	1008038	39.208	ng		99
80) Butylbenzylphthalate	13.47	149	421781	36.225	ng		100
81) Benzo(a)anthracene	14.05	228	860329	38.137	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	280081	37.804	ng		99
83) Chrysene	14.09	228	826498	38.355	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	521440	33.963	ng		100
85) Di-n-octyl phthalate	14.64	149	771053	33.153	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	658762	36.333	ng		100
88) Benzo(b)fluoranthene	15.11	252	716875	39.144	ng		99
89) Benzo(k)fluoranthene	15.14	252	685024	38.936	ng		100
90) Benzo(a)pyrene	15.49	252	617217	38.160	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	537574	38.749	ng		99
92) Benzo(g,h,i)perylene	17.52	276	527292	39.553	ng		96

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

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