Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114521.D
Acq On : 23 May 2019 12:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 24 07:26:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179368	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	737631	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	360220	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	712708	20.00	ng		0.00
76) Chrysene-d12	13.99	240	507621	20.00	ng		0.00
87) Perylene-d12	15.45	264	513607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	871225	78.16	ng		0.00
7) Phenol-d6	6.46	99	1085327	82.33	ng		0.00
23) Nitrobenzene-d5	7.38	82	1045573	79.55	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	278912	74.89	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1838938	77.22	ng		0.00
79) Terphenyl-d14	12.92	244	1878081	76.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	201651	32.915	ng		99
3) Pyridine	3.30	79	571200	33.839	ng		99
4) n-Nitrosodimethylamine	3.26	42	276734	33.997	ng		97
6) Aniline	6.48	93	772553	40.570	ng	#	71
8) 2-Chlorophenol	6.60	128	501754	42.168	ng		98
9) Benzaldehyde	6.37	77	321604	34.848	ng		97
10) Phenol	6.47	94	622288	40.128	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	490665	41.676	ng		98
12) 1,3-Dichlorobenzene	6.76	146	555249	41.571	ng		99
13) 1,4-Dichlorobenzene	6.83	146	559352	41.559	ng		98
14) 1,2-Dichlorobenzene	6.99	146	512488	41.678	ng		99
15) Benzyl Alcohol	6.96	79	410290	39.905	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	907358	39.748	ng		85
17) 2-Methylphenol	7.08	107	396899	40.606	ng		94
18) Hexachloroethane	7.32	117	207168	41.006	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	342149	40.947	ng		99
20) 3+4-Methylphenols	7.23	107	490385	43.423	ng	#	84
22) Acetophenone	7.23	105	660275	40.406	ng		95
24) Nitrobenzene	7.40	77	538127	40.198	ng		93
25) Isophorone	7.64	82	973818	39.949	ng		99
26) 2-Nitrophenol	7.72	139	271120	41.743	ng		96
27) 2,4-Dimethylphenol	7.76	122	402011	39.410	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	640482	40.495	ng		99
29) 2,4-Dichlorophenol	7.96	162	416099	40.964	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	462990	40.084	ng		99
31) Naphthalene	8.12	128	1429992	41.502	ng		98
32) Benzoic acid	7.91	122	273900	39.170	ng		98
33) 4-Chloroaniline	8.17	127	652474	41.555	ng		98
34) Hexachlorobutadiene	8.23	225	262560	39.951	ng		98
35) Caprolactam	8.55	113	145131	43.818	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	441110	43.143	ng		100
37) 2-Methylnaphthalene	8.81	142	944286	42.477	ng		99
38) 1-Methylnaphthalene	8.91	142	885671	42.305	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	434951	39.860	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	213974	44.140	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	289951	38.632	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	294703	38.287	ng		99
46) 1,1'-Biphenyl	9.27	154	1168136	40.141	ng		98
47) 2-Chloronaphthalene	9.30	162	932264	39.806	ng		99
48) 2-Nitroaniline	9.40	65	330386	39.777	ng		92
49) Acenaphthylene	9.72	152	1417296	39.789	ng		99
50) Dimethylphthalate	9.57	163	1064377	40.251	ng		100
51) 2,6-Dinitrotoluene	9.64	165	232708	39.676	ng		95
52) Acenaphthene	9.89	154	853698	39.056	ng		98
53) 3-Nitroaniline	9.82	138	296600	40.738	ng		93
54) 2,4-Dinitrophenol	9.93	184	128666	46.694	ng		94
55) Dibenzofuran	10.06	168	1210617	37.770	ng		98
56) 4-Nitrophenol	9.99	139	187046	36.328	ng		94
57) 2,4-Dinitrotoluene	10.05	165	293056	36.813	ng	#	81
58) Fluorene	10.40	166	1002220	40.482	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	237058	35.694	ng		97
60) Diethylphthalate	10.27	149	1061543	39.509	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	490943	40.375	ng		98
62) 4-Nitroaniline	10.43	138	307084	40.138	ng		95
63) Azobenzene	10.55	77	1003085	38.570	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	147152	42.968	ng		90
66) n-Nitrosodiphenylamine	10.51	169	880462	40.704	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	313061	39.894	ng		96
68) Hexachlorobenzene	10.96	284	343786	39.601	ng		94
69) Atrazine	11.04	200	265359	39.421	ng		98
70) Pentachlorophenol	11.16	266	161906	39.343	ng		98
71) Phenanthrene	11.36	178	1425882	41.122	ng		99
72) Anthracene	11.42	178	1453944	41.747	ng		98
73) Carbazole	11.57	167	1381750	41.605	ng		99
74) Di-n-butylphthalate	11.89	149	1641176	42.893	ng		100
75) Fluoranthene	12.55	202	1531294	41.010	ng		99
77) Benzidine	12.67	184	918492	40.309	ng		97
78) Pyrene	12.78	202	1567463	38.385	ng		99
80) Butylbenzylphthalate	13.39	149	712282	41.440	ng		98
81) Benzo(a)anthracene	13.97	228	1362024	41.484	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	527007	41.377	ng		99
83) Chrysene	14.01	228	1283687	39.884	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	980285	43.607	ng		99
85) Di-n-octyl phthalate	14.56	149	1621891	44.507	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1094941	38.494	ng		99
88) Benzo(b)fluoranthene	15.03	252	1281773	38.954	ng		100
89) Benzo(k)fluoranthene	15.06	252	1264570	41.837	ng		98
90) Benzo(a)pyrene	15.39	252	1182820	40.845	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	906998	37.692	ng		99
92) Benzo(g,h,i)perylene	17.37	276	872226	36.169	ng		98

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

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