Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112047.D
Acq On : 14 Jan 2019 13:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 14 15:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158874	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	563367	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	293414	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	560208	20.00	ng		0.00
76) Chrysene-d12	14.04	240	455559	20.00	ng		0.00
87) Perylene-d12	15.52	264	334723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	732479	78.88	ng		0.00
7) Phenol-d6	6.52	99	875994	73.19	ng		0.00
23) Nitrobenzene-d5	7.43	82	990291	93.95	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	303968	79.65	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1615447	80.28	ng		0.00
79) Terphenyl-d14	12.98	244	2195789	91.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	206521	50.861	ng		99
3) Pyridine	3.42	79	554279	52.665	ng		98
4) n-Nitrosodimethylamine	3.37	42	256571	48.998	ng		96
6) Aniline	6.53	93	531728	36.741	ng		92
8) 2-Chlorophenol	6.66	128	392769	38.090	ng		97
9) Benzaldehyde	6.42	77	262389	39.098	ng		98
10) Phenol	6.53	94	479956	36.894	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	391069	38.858	ng		97
12) 1,3-Dichlorobenzene	6.82	146	478609	40.037	ng		99
13) 1,4-Dichlorobenzene	6.89	146	520599	42.916	ng		98
14) 1,2-Dichlorobenzene	7.05	146	470413	40.568	ng		97
15) Benzyl Alcohol	7.02	79	367527	38.809	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	764476	44.553	ng		98
17) 2-Methylphenol	7.13	107	380346	45.893	ng		95
18) Hexachloroethane	7.38	117	204628	48.314	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	324994	41.790	ng		97
20) 3+4-Methylphenols	7.29	107	432679	41.949	ng	#	89
22) Acetophenone	7.28	105	637786	44.717	ng	#	99
24) Nitrobenzene	7.45	77	486299	45.605	ng		96
25) Isophorone	7.69	82	635392	37.224	ng		100
26) 2-Nitrophenol	7.77	139	213580	40.679	ng		98
27) 2,4-Dimethylphenol	7.81	122	306731	40.405	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	454950	39.931	ng		100
29) 2,4-Dichlorophenol	8.02	162	352450	40.376	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	392606	40.769	ng		99
31) Naphthalene	8.17	128	1081747	40.449	ng		100
32) Benzoic acid	7.95	122	171234	34.759	ng		96
33) 4-Chloroaniline	8.22	127	461067	39.882	ng		96
34) Hexachlorobutadiene	8.29	225	244736	40.823	ng		99
35) Caprolactam	8.60	113	117017	41.029	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	352243	40.585	ng		98
37) 2-Methylnaphthalene	8.87	142	712861	43.018	ng		99
38) 1-Methylnaphthalene	8.97	142	690547	43.447	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	387851	41.463	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	233292	43.134	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	251761	39.681	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	263715	39.672	ng		99
46) 1,1'-Biphenyl	9.33	154	992474	40.437	ng		99
47) 2-Chloronaphthalene	9.36	162	773473	40.154	ng		97
48) 2-Nitroaniline	9.45	65	236519	40.161	ng		97
49) Acenaphthylene	9.77	152	1138404	39.974	ng		99
50) Dimethylphthalate	9.63	163	887636	40.271	ng		99
51) 2,6-Dinitrotoluene	9.69	165	198205	40.213	ng		97
52) Acenaphthene	9.95	154	679378	37.005	ng		99
53) 3-Nitroaniline	9.86	138	218054	41.311	ng		99
54) 2,4-Dinitrophenol	9.97	184	76446	36.628	ng	#	84
55) Dibenzofuran	10.12	168	1063050	39.814	ng		97
56) 4-Nitrophenol	10.04	139	137483	36.862	ng		95
57) 2,4-Dinitrotoluene	10.10	165	263687	41.402	ng		94
58) Fluorene	10.46	166	779113	40.102	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	219635	39.215	ng		99
60) Diethylphthalate	10.33	149	862981	40.458	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	431367	39.594	ng		96
62) 4-Nitroaniline	10.48	138	212581	42.460	ng		98
63) Azobenzene	10.61	77	826129	40.543	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	134010	38.769	ng		98
66) n-Nitrosodiphenylamine	10.57	169	754534	40.136	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	279897	38.575	ng		97
68) Hexachlorobenzene	11.02	284	315102	39.184	ng		99
69) Atrazine	11.10	200	244040	36.948	ng		98
70) Pentachlorophenol	11.21	266	181601	39.685	ng		100
71) Phenanthrene	11.42	178	1167270	38.972	ng		100
72) Anthracene	11.47	178	1172045	38.548	ng		99
73) Carbazole	11.63	167	1144557	38.700	ng		100
74) Di-n-butylphthalate	11.95	149	1334813	38.855	ng		100
75) Fluoranthene	12.61	202	1180222	38.384	ng		98
77) Benzidine	12.73	184	489600	35.968	ng		98
78) Pyrene	12.84	202	1211851	38.661	ng		98
80) Butylbenzylphthalate	13.45	149	668332	50.433	ng		97
81) Benzo(a)anthracene	14.03	228	1066153	40.665	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	405417	41.885	ng		99
83) Chrysene	14.07	228	991282	39.654	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	777086	44.651	ng		100
85) Di-n-octyl phthalate	14.62	149	1062777	42.672	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	720668	39.543	ng		99
88) Benzo(b)fluoranthene	15.09	252	792456	39.577	ng		98
89) Benzo(k)fluoranthene	15.12	252	766695	40.736	ng		99
90) Benzo(a)pyrene	15.46	252	706943	40.155	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	608044	42.941	ng		99
92) Benzo(g,h,i)perylene	17.46	276	589884	42.592	ng		98

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

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