Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115358.D
Acq On : 2 Jul 2019 13:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 02 14:36:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	244136	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	987344	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	481130	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	924901	20.00	ng	0.00
76) Chrysene-d12	13.73	240	579445	20.00	ng	0.00
87) Perylene-d12	15.10	264	708196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1133798	71.67	ng	0.00
7) Phenol-d6	6.25	99	1375624	71.64	ng	0.00
23) Nitrobenzene-d5	7.17	82	1243687	77.49	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	409510	80.71	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2211721	78.08	ng	0.00
79) Terphenyl-d14	12.69	244	2375002	87.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	257723	34.518	ng	100
3) Pyridine	2.83	79	721174	34.269	ng	99
4) n-Nitrosodimethylamine	2.78	42	268326	32.525	ng	100
6) Aniline	6.27	93	890549	33.745	ng	95
8) 2-Chlorophenol	6.39	128	670364	37.684	ng	99
9) Benzaldehyde	6.14	77	419181	33.460	ng	97
10) Phenol	6.26	94	775536	34.479	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	608577	36.705	ng	99
12) 1,3-Dichlorobenzene	6.54	146	748692	37.922	ng	97
13) 1,4-Dichlorobenzene	6.62	146	752962	38.033	ng	98
14) 1,2-Dichlorobenzene	6.78	146	696134	37.970	ng	99
15) Benzyl Alcohol	6.75	79	442026	31.613	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	863771	35.919	ng	99
17) 2-Methylphenol	6.87	107	602332	41.021	ng	99
18) Hexachloroethane	7.12	117	271549	38.046	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	422812	34.393	ng	99
20) 3+4-Methylphenols	7.02	107	646577	38.135	ng	92
22) Acetophenone	7.02	105	854670	37.811	ng	98
24) Nitrobenzene	7.19	77	673738	38.102	ng	99
25) Isophorone	7.43	82	1186119	36.074	ng	100
26) 2-Nitrophenol	7.50	139	384074	43.983	ng	94
27) 2,4-Dimethylphenol	7.55	122	549341	38.422	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	774517	37.270	ng	99
29) 2,4-Dichlorophenol	7.75	162	578441	39.204	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	643883	39.507	ng	99
31) Naphthalene	7.91	128	1848792	38.146	ng	99
32) Benzoic acid	7.70	122	364570	35.722	ng	99
33) 4-Chloroaniline	7.96	127	819120	36.980	ng	99
34) Hexachlorobutadiene	8.03	225	362395	40.576	ng	98
35) Caprolactam	8.34	113	184739	37.241	ng	96
36) 4-Chloro-3-methylphenol	8.45	107	579697	38.795	ng	99
37) 2-Methylnaphthalene	8.60	142	1249446	38.234	ng	99
38) 1-Methylnaphthalene	8.70	142	1175345	37.659	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	559470	41.150	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	268622	33.320 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	410305	39.090 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	452887	41.897 ng	97
46) 1,1'-Biphenyl	9.06	154	1434852	37.272 ng	98
47) 2-Chloronaphthalene	9.08	162	1216613	38.960 ng	99
48) 2-Nitroaniline	9.18	65	363504	39.928 ng	97
49) Acenaphthylene	9.50	152	1856452	38.157 ng	100
50) Dimethylphthalate	9.37	163	1410381	39.844 ng	99
51) 2,6-Dinitrotoluene	9.42	165	326623	39.967 ng	96
52) Acenaphthene	9.67	154	1081304	35.517 ng	99
53) 3-Nitroaniline	9.59	138	371460	37.247 ng	97
54) 2,4-Dinitrophenol	9.70	184	169136	43.872 ng	94
55) Dibenzofuran	9.84	168	1595317	36.509 ng	99
56) 4-Nitrophenol	9.75	139	284517	35.586 ng	92
57) 2,4-Dinitrotoluene	9.82	165	421460	39.941 ng	99
58) Fluorene	10.18	166	1140091	38.192 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	371500	40.987 ng	98
60) Diethylphthalate	10.07	149	1342660	37.734 ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	557721	39.511 ng	96
62) 4-Nitroaniline	10.20	138	389436	38.925 ng	98
63) Azobenzene	10.34	77	1224584	36.846 ng	98
65) 4,6-Dinitro-2-methylphenol	10.23	198	216149	44.343 ng	87
66) n-Nitrosodiphenylamine	10.30	169	1104281	38.323 ng	99
67) 4-Bromophenyl-phenylether	10.66	248	397933	39.683 ng	98
68) Hexachlorobenzene	10.72	284	436685	40.120 ng	93
69) Atrazine	10.82	200	356671	38.479 ng	99
70) Pentachlorophenol	10.92	266	275278	39.698 ng	98
71) Phenanthrene	11.13	178	1802682	36.200 ng	99
72) Anthracene	11.18	178	1825589	36.317 ng	100
73) Carbazole	11.34	167	1672624	37.263 ng	100
74) Di-n-butylphthalate	11.68	149	2018530	38.915 ng	100
75) Fluoranthene	12.31	202	1836318	36.959 ng	99
77) Benzidine	12.43	184	802665	31.196 ng	98
78) Pyrene	12.54	202	1877911	42.171 ng	100
80) Butylbenzylphthalate	13.17	149	869835	44.262 ng	100
81) Benzo(a)anthracene	13.72	228	1720669	41.385 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	642018	42.761 ng	99
83) Chrysene	13.76	228	1650762	43.344 ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1100220	42.727 ng	99
85) Di-n-octyl phthalate	14.34	149	1952600	45.132 ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1703646	37.803 ng	100
88) Benzo(b)fluoranthene	14.73	252	1764359	39.927 ng	99
89) Benzo(k)fluoranthene	14.75	252	1457224	36.772 ng	98
90) Benzo(a)pyrene	15.05	252	1537826	38.611 ng	99
91) Dibenzo(a,h)anthracene	16.40	278	1362376	36.640 ng	100
92) Benzo(g,h,i)perylene	16.76	276	1361599	36.181 ng	98

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

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