Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115227.D
Acq On : 27 Jun 2019 10:39
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 27 11:48:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 11:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	232981	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	938398	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	455770	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	879108	20.00	ng	0.00
76) Chrysene-d12	13.72	240	628869	20.00	ng	0.00
87) Perylene-d12	15.08	264	749893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1117634	74.03	ng	0.00
7) Phenol-d6	6.24	99	1342688	73.27	ng	0.00
23) Nitrobenzene-d5	7.17	82	1182546	77.52	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	394117	82.00	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2166642	80.75	ng	0.00
79) Terphenyl-d14	12.68	244	2362865	79.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	262367	36.822	ng	100
3) Pyridine	2.80	79	703412	35.026	ng	100
4) n-Nitrosodimethylamine	2.75	42	262820	33.383	ng	100
6) Aniline	6.26	93	906358	35.988	ng	100
8) 2-Chlorophenol	6.38	128	640789	37.746	ng	100
9) Benzaldehyde	6.14	77	422273	35.321	ng	100
10) Phenol	6.25	94	772101	35.970	ng	100
11) bis(2-Chloroethyl)ether	6.34	93	589218	37.239	ng	100
12) 1,3-Dichlorobenzene	6.54	146	723225	38.386	ng	100
13) 1,4-Dichlorobenzene	6.62	146	730081	38.643	ng	100
14) 1,2-Dichlorobenzene	6.77	146	686038	39.211	ng	100
15) Benzyl Alcohol	6.75	79	486965	36.494	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	847342	36.923	ng	100
17) 2-Methylphenol	6.86	107	507433	36.212	ng	100
18) Hexachloroethane	7.11	117	264425	38.822	ng	100
19) n-Nitroso-di-n-propylamine	7.02	70	414785	35.356	ng	100
20) 3+4-Methylphenols	7.02	107	606198	37.465	ng	100
22) Acetophenone	7.01	105	810170	37.712	ng	100
24) Nitrobenzene	7.18	77	646658	38.478	ng	100
25) Isophorone	7.42	82	1149078	36.771	ng	100
26) 2-Nitrophenol	7.50	139	353556	42.600	ng	100
27) 2,4-Dimethylphenol	7.55	122	521118	38.350	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	753754	38.162	ng	100
29) 2,4-Dichlorophenol	7.74	162	544254	38.811	ng	100
30) 1,2,4-Trichlorobenzene	7.82	180	616950	39.829	ng	100
31) Naphthalene	7.90	128	1808530	39.262	ng	100
32) Benzoic acid	7.67	122	320020	32.993	ng	100
33) 4-Chloroaniline	7.95	127	794239	37.727	ng	100
34) Hexachlorobutadiene	8.03	225	350369	41.276	ng	100
35) Caprolactam	8.32	113	170922	36.253	ng	100
36) 4-Chloro-3-methylphenol	8.44	107	539731	38.004	ng	100
37) 2-Methylnaphthalene	8.59	142	1198288	38.582	ng	100
38) 1-Methylnaphthalene	8.69	142	1147605	38.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	526287	40.863	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	314961	41.242 ng	100
43) 2,4,6-Trichlorophenol	8.87	196	396760	39.903 ng	100
44) 2,4,5-Trichlorophenol	8.91	196	414047	40.436 ng	100
46) 1,1'-Biphenyl	9.06	154	1406772	38.575 ng	100
47) 2-Chloronaphthalene	9.08	162	1160693	39.237 ng	100
48) 2-Nitroaniline	9.17	65	337862	39.176 ng	100
49) Acenaphthylene	9.49	152	1792341	38.889 ng	100
50) Dimethylphthalate	9.36	163	1320511	39.381 ng	100
51) 2,6-Dinitrotoluene	9.41	165	301473	38.943 ng	100
52) Acenaphthene	9.66	154	1133606	39.307 ng	100
53) 3-Nitroaniline	9.58	138	357102	37.800 ng	100
54) 2,4-Dinitrophenol	9.68	184	170046	46.113 ng	100
55) Dibenzofuran	9.83	168	1563344	37.768 ng	100
56) 4-Nitrophenol	9.74	139	287775	37.996 ng	100
57) 2,4-Dinitrotoluene	9.81	165	403051	40.322 ng	100
58) Fluorene	10.17	166	1116150	39.728 ng	100
59) 2,3,4,6-Tetrachlorophenol	9.95	232	343268	39.979 ng	100
60) Diethylphthalate	10.06	149	1309120	38.839 ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	554616	41.876 ng	100
62) 4-Nitroaniline	10.19	138	365598	38.576 ng	100
63) Azobenzene	10.32	77	1176308	37.363 ng	100
65) 4,6-Dinitro-2-methylphenol	10.22	198	208208	44.872 ng	100
66) n-Nitrosodiphenylamine	10.28	169	1056762	38.584 ng	100
67) 4-Bromophenyl-phenylether	10.65	248	385546	40.450 ng	100
68) Hexachlorobenzene	10.72	284	422617	40.850 ng	100
69) Atrazine	10.82	200	334337	37.948 ng	100
70) Pentachlorophenol	10.91	266	273340	41.472 ng	100
71) Phenanthrene	11.12	178	1761490	37.215 ng	100
72) Anthracene	11.17	178	1812508	37.935 ng	100
73) Carbazole	11.32	167	1631668	38.244 ng	100
74) Di-n-butylphthalate	11.68	149	1977515	40.111 ng	100
75) Fluoranthene	12.30	202	1812565	38.381 ng	100
77) Benzidine	12.42	184	1027242	36.787 ng	100
78) Pyrene	12.52	202	1882929	38.961 ng	100
80) Butylbenzylphthalate	13.16	149	848207	39.770 ng	100
81) Benzo(a)anthracene	13.71	228	1757328	38.945 ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	653336	40.095 ng	100
83) Chrysene	13.74	228	1632150	39.487 ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1134952	40.612 ng	100
85) Di-n-octyl phthalate	14.34	149	1932806	41.163 ng	100
86) Indeno(1,2,3-cd)pyrene	16.35	276	2013058	41.158 ng	100
88) Benzo(b)fluoranthene	14.72	252	1829171	39.092 ng	100
89) Benzo(k)fluoranthene	14.74	252	1549045	36.916 ng	100
90) Benzo(a)pyrene	15.04	252	1641468	38.922 ng	100
91) Dibenzo(a,h)anthracene	16.37	278	1623665	41.239 ng	100
92) Benzo(g,h,i)perylene	16.74	276	1661226	41.688 ng	100

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

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