Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115208.D
Acq On : 26 Jun 2019 8:21
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 26 12:21:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 12:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	284406	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1152799	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	567675	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1112293	20.00	ng	0.00
76) Chrysene-d12	13.74	240	774210	20.00	ng	0.00
87) Perylene-d12	15.09	264	1004348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1409150	76.46	ng	0.00
7) Phenol-d6	6.25	99	1733231	77.48	ng	0.00
23) Nitrobenzene-d5	7.18	82	1533181	81.81	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	526968	88.03	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2678098	80.14	ng	0.00
79) Terphenyl-d14	12.69	244	3027004	83.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	340026	39.092	ng	100
3) Pyridine	2.84	79	930683	37.963	ng	100
4) n-Nitrosodimethylamine	2.79	42	356763	37.122	ng	100
6) Aniline	6.28	93	1173766	38.179	ng	100
8) 2-Chlorophenol	6.40	128	829340	40.019	ng	100
9) Benzaldehyde	6.15	77	550039	37.689	ng	100
10) Phenol	6.27	94	992477	37.877	ng	100
11) bis(2-Chloroethyl)ether	6.35	93	765312	39.622	ng	100
12) 1,3-Dichlorobenzene	6.55	146	920502	40.023	ng	100
13) 1,4-Dichlorobenzene	6.63	146	924489	40.085	ng	100
14) 1,2-Dichlorobenzene	6.79	146	859757	40.255	ng	100
15) Benzyl Alcohol	6.76	79	613977	37.693	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1106310	39.491	ng	100
17) 2-Methylphenol	6.88	107	665686	38.916	ng	100
18) Hexachloroethane	7.13	117	338200	40.675	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	544529	38.022	ng	100
20) 3+4-Methylphenols	7.03	107	772535	39.112	ng	100
22) Acetophenone	7.03	105	1034869	39.212	ng	100
24) Nitrobenzene	7.20	77	843529	40.858	ng	100
25) Isophorone	7.44	82	1512848	39.408	ng	100
26) 2-Nitrophenol	7.51	139	467098	45.814	ng	100
27) 2,4-Dimethylphenol	7.56	122	685857	41.086	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	977619	40.291	ng	100
29) 2,4-Dichlorophenol	7.75	162	708797	41.144	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	794518	41.753	ng	100
31) Naphthalene	7.92	128	2256797	39.881	ng	100
32) Benzoic acid	7.70	122	529523	44.439	ng	100
33) 4-Chloroaniline	7.97	127	1047425	40.501	ng	100
34) Hexachlorobutadiene	8.05	225	452476	43.391	ng	100
35) Caprolactam	8.35	113	231140	39.907	ng	100
36) 4-Chloro-3-methylphenol	8.45	107	714184	40.936	ng	100
37) 2-Methylnaphthalene	8.61	142	1531380	40.136	ng	100
38) 1-Methylnaphthalene	8.71	142	1461166	40.098	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	677314	42.223	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	395578	41.587 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	516477	41.703 ng	100
44) 2,4,5-Trichlorophenol	8.92	196	541339	42.445 ng	100
46) 1,1'-Biphenyl	9.07	154	1784120	39.279 ng	100
47) 2-Chloronaphthalene	9.10	162	1515169	41.124 ng	100
48) 2-Nitroaniline	9.18	65	464913	43.281 ng	100
49) Acenaphthylene	9.50	152	2294986	39.979 ng	100
50) Dimethylphthalate	9.38	163	1730610	41.437 ng	100
51) 2,6-Dinitrotoluene	9.43	165	411048	42.630 ng	100
52) Acenaphthene	9.68	154	1470166	40.928 ng	100
53) 3-Nitroaniline	9.60	138	481131	40.889 ng	100
54) 2,4-Dinitrophenol	9.70	184	224559	48.448 ng	100
55) Dibenzofuran	9.85	168	2000915	38.810 ng	100
56) 4-Nitrophenol	9.75	139	387209	41.047 ng	100
57) 2,4-Dinitrotoluene	9.83	165	543473	43.652 ng	100
58) Fluorene	10.19	166	1393790	39.851 ng	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	460902	43.098 ng	100
60) Diethylphthalate	10.08	149	1720841	40.989 ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	688997	41.746 ng	100
62) 4-Nitroaniline	10.21	138	492107	41.689 ng	100
63) Azobenzene	10.34	77	1564549	39.899 ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	276486	46.849 ng	100
66) n-Nitrosodiphenylamine	10.30	169	1409239	40.667 ng	100
67) 4-Bromophenyl-phenylether	10.67	248	517567	42.918 ng	100
68) Hexachlorobenzene	10.73	284	567727	43.371 ng	100
69) Atrazine	10.83	200	477799	42.862 ng	100
70) Pentachlorophenol	10.92	266	377077	45.217 ng	100
71) Phenanthrene	11.14	178	2301865	38.436 ng	100
72) Anthracene	11.19	178	2347288	38.829 ng	100
73) Carbazole	11.34	167	2138746	39.620 ng	100
74) Di-n-butylphthalate	11.69	149	2600935	41.696 ng	100
75) Fluoranthene	12.32	202	2390881	40.013 ng	100
77) Benzidine	12.44	184	1398054	40.667 ng	100
78) Pyrene	12.54	202	2478056	41.649 ng	100
80) Butylbenzylphthalate	13.18	149	1184913	45.127 ng	100
81) Benzo(a)anthracene	13.72	228	2367380	42.615 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	897586	44.743 ng	100
83) Chrysene	13.77	228	2191242	43.061 ng	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1546254	44.942 ng	100
85) Di-n-octyl phthalate	14.35	149	2644875	45.754 ng	100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2865235	47.584 ng	100
88) Benzo(b)fluoranthene	14.72	252	2448984	39.078 ng	100
89) Benzo(k)fluoranthene	14.75	252	2195113	39.059 ng	100
90) Benzo(a)pyrene	15.05	252	2273914	40.258 ng	100
91) Dibenzo(a,h)anthracene	16.39	278	2268113	43.013 ng	100
92) Benzo(g,h,i)perylene	16.76	276	2354625	44.119 ng	100

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

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