Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115225.D
Acq On : 26 Jun 2019 18:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 27 01:31:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	299470	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1239661	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	630161	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1237573	20.00	ng		0.00
76) Chrysene-d12	13.79	240	864085	20.00	ng		0.04
87) Perylene-d12	15.27	264	1069842	20.00	ng		0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1515668	78.10	ng		0.00
7) Phenol-d6	6.26	99	1843059	78.25	ng		0.00
23) Nitrobenzene-d5	7.18	82	1680393	83.39	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	573592	86.32	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2876519	77.54	ng		0.00
79) Terphenyl-d14	12.71	244	3281557	80.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	354978	38.759	ng		98
3) Pyridine	2.85	79	1005261	38.943	ng		98
4) n-Nitrosodimethylamine	2.80	42	379897	37.540	ng		96
6) Aniline	6.28	93	1247639	38.540	ng	#	82
8) 2-Chlorophenol	6.40	128	889739	40.774	ng		99
9) Benzaldehyde	6.16	77	599343	39.002	ng		96
10) Phenol	6.27	94	1035282	37.523	ng		87
11) bis(2-Chloroethyl)ether	6.36	93	816872	40.164	ng		98
12) 1,3-Dichlorobenzene	6.55	146	979182	40.433	ng		99
13) 1,4-Dichlorobenzene	6.63	146	984390	40.535	ng		99
14) 1,2-Dichlorobenzene	6.79	146	908699	40.406	ng		97
15) Benzyl Alcohol	6.77	79	679010	39.589	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1178389	39.948	ng		97
17) 2-Methylphenol	6.88	107	745847	41.409	ng		99
18) Hexachloroethane	7.13	117	359143	41.021	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	590656	39.169	ng		98
20) 3+4-Methylphenols	7.04	107	825403	39.687	ng	#	88
22) Acetophenone	7.03	105	1143643	40.298	ng	#	98
24) Nitrobenzene	7.20	77	915614	41.242	ng		96
25) Isophorone	7.44	82	1670648	40.469	ng		100
26) 2-Nitrophenol	7.51	139	518082	47.254	ng		97
27) 2,4-Dimethylphenol	7.56	122	749556	41.755	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	1062310	40.714	ng		98
29) 2,4-Dichlorophenol	7.76	162	784929	42.371	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	864616	42.253	ng		99
31) Naphthalene	7.92	128	2452593	40.304	ng		99
32) Benzoic acid	7.70	122	541087	42.227	ng		99
33) 4-Chloroaniline	7.97	127	1151612	41.409	ng		98
34) Hexachlorobutadiene	8.05	225	481717	42.958	ng		100
35) Caprolactam	8.35	113	264082	42.400	ng		99
36) 4-Chloro-3-methylphenol	8.46	107	792462	42.240	ng		96
37) 2-Methylnaphthalene	8.61	142	1662126	40.510	ng		98
38) 1-Methylnaphthalene	8.71	142	1596055	40.730	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	735713	41.315	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	426761	40.417 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	571837	41.595 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	608477	42.979 ng	100
46) 1,1'-Biphenyl	9.07	154	1930194	38.281 ng	98
47) 2-Chloronaphthalene	9.10	162	1615402	39.496 ng	98
48) 2-Nitroaniline	9.19	65	514010	43.107 ng	93
49) Acenaphthylene	9.51	152	2493716	39.133 ng	98
50) Dimethylphthalate	9.38	163	1901641	41.017 ng	100
51) 2,6-Dinitrotoluene	9.44	165	461592	43.125 ng	91
52) Acenaphthene	9.68	154	1621815	40.673 ng	99
53) 3-Nitroaniline	9.60	138	554876	42.480 ng	96
54) 2,4-Dinitrophenol	9.70	184	272530	52.283 ng	97
55) Dibenzofuran	9.85	168	2174019	37.987 ng	97
56) 4-Nitrophenol	9.76	139	446592	42.647 ng	97
57) 2,4-Dinitrotoluene	9.84	165	610628	44.182 ng	97
58) Fluorene	10.19	166	1510023	38.708 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	509961	42.957 ng	98
60) Diethylphthalate	10.08	149	1892142	40.601 ng	98
61) 4-Chlorophenyl-phenylether	10.18	204	748166	40.662 ng	97
62) 4-Nitroaniline	10.21	138	560908	42.805 ng	99
63) Azobenzene	10.34	77	1707684	39.231 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	327609	49.570 ng	96
66) n-Nitrosodiphenylamine	10.31	169	1539398	39.926 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	558370	41.614 ng	96
68) Hexachlorobenzene	10.74	284	613171	42.101 ng	99
69) Atrazine	10.84	200	522415	42.121 ng	99
70) Pentachlorophenol	10.92	266	419893	45.255 ng	98
71) Phenanthrene	11.14	178	2478078	37.190 ng	99
72) Anthracene	11.20	178	2524685	37.536 ng	98
73) Carbazole	11.35	167	2365011	39.376 ng	98
74) Di-n-butylphthalate	11.70	149	2785090	40.128 ng	98
75) Fluoranthene	12.32	202	2592061	38.989 ng	99
77) Benzidine	12.44	184	1496128	38.993 ng	98
78) Pyrene	12.55	202	2663603	40.111 ng	98
80) Butylbenzylphthalate	13.20	149	1296656	44.246 ng	98
81) Benzo(a)anthracene	13.78	228	2579957	41.612 ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	965028	43.102 ng	98
83) Chrysene	13.82	228	2349439	41.368 ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	1697804	44.214 ng	99
85) Di-n-octyl phthalate	14.48	149	2921429	45.281 ng	100
86) Indeno(1,2,3-cd)pyrene	16.57	276	2869892	42.704 ng	98
88) Benzo(b)fluoranthene	14.89	252	2682423	40.183 ng	99
89) Benzo(k)fluoranthene	14.92	252	2291895	38.284 ng	99
90) Benzo(a)pyrene	15.22	252	2421899	40.253 ng	99
91) Dibenzo(a,h)anthracene	16.59	278	2313989	41.196 ng	98
92) Benzo(g,h,i)perylene	16.96	276	2323138	40.864 ng	99

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

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