Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115085.D
Acq On : 21 Jun 2019 18:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 22 04:53:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	202059	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	822928	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	405357	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	805378	20.00	ng		0.00
76) Chrysene-d12	13.75	240	619419	20.00	ng		0.00
87) Perylene-d12	15.11	264	729718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1068000	81.57	ng		0.00
7) Phenol-d6	6.25	99	1299946	81.80	ng		0.00
23) Nitrobenzene-d5	7.18	82	1118767	83.63	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	367026	85.86	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2037144	85.37	ng		0.00
79) Terphenyl-d14	12.71	244	2337914	80.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	248368	40.192	ng		100
3) Pyridine	2.85	79	701381	40.269	ng		99
4) n-Nitrosodimethylamine	2.80	42	270489	39.615	ng		99
6) Aniline	6.28	93	891937	40.835	ng		99
8) 2-Chlorophenol	6.40	128	609814	41.418	ng		98
9) Benzaldehyde	6.16	77	435486	42.001	ng		98
10) Phenol	6.27	94	756879	40.657	ng		99
11) bis(2-Chloroethyl)ether	6.36	93	563307	41.049	ng		100
12) 1,3-Dichlorobenzene	6.56	146	676092	41.376	ng		99
13) 1,4-Dichlorobenzene	6.64	146	673365	41.095	ng		99
14) 1,2-Dichlorobenzene	6.79	146	632910	41.710	ng		98
15) Benzyl Alcohol	6.76	79	484246	41.844	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	813844	40.890	ng		100
17) 2-Methylphenol	6.88	107	491982	40.483	ng		99
18) Hexachloroethane	7.14	117	242470	41.046	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	414698	40.758	ng		97
20) 3+4-Methylphenols	7.03	107	577795	41.175	ng	#	85
22) Acetophenone	7.03	105	771450	40.948	ng		99
24) Nitrobenzene	7.20	77	613296	41.614	ng		99
25) Isophorone	7.45	82	1109324	40.480	ng		99
26) 2-Nitrophenol	7.52	139	312911	42.993	ng		97
27) 2,4-Dimethylphenol	7.56	122	495446	41.576	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	719919	41.564	ng		100
29) 2,4-Dichlorophenol	7.75	162	514291	41.820	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	569568	41.930	ng		99
31) Naphthalene	7.92	128	1701038	42.110	ng		99
32) Benzoic acid	7.68	122	350158	41.165	ng		99
33) 4-Chloroaniline	7.97	127	753851	40.833	ng		99
34) Hexachlorobutadiene	8.05	225	317692	42.678	ng		99
35) Caprolactam	8.34	113	166631	40.302	ng		94
36) 4-Chloro-3-methylphenol	8.45	107	509637	40.921	ng		98
37) 2-Methylnaphthalene	8.61	142	1134709	41.661	ng		99
38) 1-Methylnaphthalene	8.71	142	1088914	41.860	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	482479	42.121	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	286540	42.187 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	366647	41.460 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	381871	41.931 ng	97
46) 1,1'-Biphenyl	9.08	154	1313208	40.488 ng	99
47) 2-Chloronaphthalene	9.10	162	1105438	42.017 ng	96
48) 2-Nitroaniline	9.19	65	323423	42.166 ng	98
49) Acenaphthylene	9.51	152	1733830	42.298 ng	99
50) Dimethylphthalate	9.38	163	1254017	42.049 ng	100
51) 2,6-Dinitrotoluene	9.44	165	288725	41.934 ng	97
52) Acenaphthene	9.68	154	1079657	42.092 ng	99
53) 3-Nitroaniline	9.60	138	354469	42.188 ng	96
54) 2,4-Dinitrophenol	9.70	184	131121	40.956 ng	98
55) Dibenzofuran	9.85	168	1495465	40.622 ng	100
56) 4-Nitrophenol	9.75	139	282809	41.984 ng	99
57) 2,4-Dinitrotoluene	9.84	165	384271	43.224 ng	97
58) Fluorene	10.20	166	1049295	42.434 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	319555	41.846 ng	98
60) Diethylphthalate	10.08	149	1263271	42.140 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	510539	43.622 ng	96
62) 4-Nitroaniline	10.21	138	354326	42.036 ng	96
63) Azobenzene	10.35	77	1176081	42.002 ng	95
65) 4,6-Dinitro-2-methylphenol	10.24	198	172954	41.149 ng	76
66) n-Nitrosodiphenylamine	10.31	169	1041213	41.497 ng	99
67) 4-Bromophenyl-phenylether	10.68	248	364726	41.769 ng	98
68) Hexachlorobenzene	10.74	284	393331	41.499 ng	98
69) Atrazine	10.84	200	333738	41.348 ng	99
70) Pentachlorophenol	10.92	266	259738	43.016 ng	100
71) Phenanthrene	11.15	178	1732787	39.960 ng	100
72) Anthracene	11.20	178	1770693	40.453 ng	99
73) Carbazole	11.35	167	1630320	41.711 ng	99
74) Di-n-butylphthalate	11.70	149	1930621	42.744 ng	99
75) Fluoranthene	12.32	202	1814024	41.928 ng	99
77) Benzidine	12.45	184	1149404	41.789 ng	96
78) Pyrene	12.55	202	1885798	39.615 ng	99
80) Butylbenzylphthalate	13.19	149	876420	41.719 ng	97
81) Benzo(a)anthracene	13.74	228	1813573	40.805 ng	99
82) 3,3'-Dichlorobenzidine	13.71	252	672394	41.894 ng	99
83) Chrysene	13.77	228	1641565	40.321 ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1179271	42.841 ng	100
85) Di-n-octyl phthalate	14.37	149	1997616	43.192 ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2045824	42.466 ng	100
88) Benzo(b)fluoranthene	14.74	252	1950583	42.840 ng	97
89) Benzo(k)fluoranthene	14.77	252	1540044	37.716 ng	99
90) Benzo(a)pyrene	15.06	252	1688300	41.139 ng	99
91) Dibenzo(a,h)anthracene	16.42	278	1658870	43.298 ng	99
92) Benzo(g,h,i)perylene	16.78	276	1652880	42.626 ng	98

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

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