Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120400.D
Acq On : 28 May 2020 11:23
Operator : MA/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: May 28 12:29:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	247993	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	919115	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	469084	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	879720	20.00	ng	0.00
76) Chrysene-d12	14.00	240	596506	20.00	ng	0.00
86) Perylene-d12	15.44	264	553585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1201578	94.27	ng	0.00
7) Phenol-d6	6.47	99	1469479	91.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	1336047	99.52	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	412632	107.89	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2350157	102.93	ng	0.00
79) Terphenyl-d14	12.94	244	2518330	93.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	302195	59.603	ng	100
3) Pyridine	3.33	79	827894	51.945	ng	100
4) n-Nitrosodimethylamine	3.29	42	351936	56.394	ng	98
6) Aniline	6.50	93	1036751	50.295	ng	100
8) 2-Chlorophenol	6.63	128	680684	45.803	ng	98
9) Benzaldehyde	6.39	77	421151	42.386	ng	99
10) Phenol	6.48	94	816707	43.406	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	674190	44.857	ng	98
12) 1,3-Dichlorobenzene	6.78	146	750891	47.220	ng	100
13) 1,4-Dichlorobenzene	6.86	146	747595	45.646	ng	100
14) 1,2-Dichlorobenzene	7.02	146	693957	47.051	ng	99
15) Benzyl Alcohol	6.98	79	572653	50.010	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1071622	45.243	ng	100
17) 2-Methylphenol	7.09	107	602787	48.048	ng	99
18) Hexachloroethane	7.36	117	276005	44.236	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	466384	44.167	ng	99
20) 3+4-Methylphenols	7.25	107	694545	42.582	ng	96
22) Acetophenone	7.25	105	868701	46.136	ng	97
24) Nitrobenzene	7.42	77	720416	49.865	ng	99
25) Isophorone	7.66	82	1310846	46.930	ng	99
26) 2-Nitrophenol	7.74	139	333668	44.159	ng	98
27) 2,4-Dimethylphenol	7.77	122	571310	51.977	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	790165	45.007	ng	100
29) 2,4-Dichlorophenol	7.97	162	564340	49.991	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	635517	50.802	ng	98
31) Naphthalene	8.15	128	1898316	48.937	ng	100
32) Benzoic acid	7.89	122	445901	61.891	ng	99
33) 4-Chloroaniline	8.19	127	826691	46.764	ng	99
34) Hexachlorobutadiene	8.26	225	379102	52.431	ng	99
35) Caprolactam	8.57	113	177490	48.059	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	571983	46.838	ng	98
37) 2-Methylnaphthalene	8.84	142	1249923	47.086	ng	99
38) 1-Methylnaphthalene	8.93	142	1181133	45.876	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	571689	48.333	ng	100

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QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	329720	78.794 ng	98
43) 2,4,6-Trichlorophenol	9.11	196	419713	52.863 ng	98
44) 2,4,5-Trichlorophenol	9.15	196	465128	51.012 ng	99
46) 1,1'-Biphenyl	9.30	154	1473016	47.926 ng	98
47) 2-Chloronaphthalene	9.33	162	1209910	49.076 ng	99
48) 2-Nitroaniline	9.42	65	372560	41.417 ng	100
49) Acenaphthylene	9.74	152	1866539	49.563 ng	100
50) Dimethylphthalate	9.60	163	1362236	45.939 ng	100
51) 2,6-Dinitrotoluene	9.66	165	311806	47.113 ng	86
52) Acenaphthene	9.92	154	1163268	51.532 ng	99
53) 3-Nitroaniline	9.83	138	367872	46.611 ng	99
54) 2,4-Dinitrophenol	9.93	184	111647	35.738 ng	94
55) Dibenzofuran	10.09	168	1679057	51.651 ng	97
56) 4-Nitrophenol	9.97	139	283044	66.744 ng	98
57) 2,4-Dinitrotoluene	10.06	165	405920	52.286 ng	90
58) Fluorene	10.43	166	1185000	47.866 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	363476	52.970 ng	99
60) Diethylphthalate	10.30	149	1393444	48.675 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	624138	48.489 ng	99
62) 4-Nitroaniline	10.44	138	339175	46.151 ng	99
63) Azobenzene	10.58	77	1317832	48.707 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	161319	36.259 ng	86
66) n-Nitrosodiphenylamine	10.54	169	1157942	47.577 ng	100
67) 4-Bromophenyl-phenylether	10.91	248	422360	49.476 ng	97
68) Hexachlorobenzene	10.97	284	447218	50.076 ng	99
69) Atrazine	11.06	200	325957	44.758 ng	98
70) Pentachlorophenol	11.16	266	284307	74.850 ng	97
71) Phenanthrene	11.39	178	1824831	49.365 ng	100
72) Anthracene	11.44	178	1829898	46.240 ng	99
73) Carbazole	11.59	167	1774116	47.981 ng	99
74) Di-n-butylphthalate	11.93	149	2070718	46.468 ng	99
75) Fluoranthene	12.57	202	1964347	49.578 ng	97
77) Benzidine	12.69	184	927962	53.273 ng	97
78) Pyrene	12.80	202	2005934	47.171 ng	99
80) Butylbenzylphthalate	13.42	149	841618	42.030 ng	99
81) Benzo(a)anthracene	13.99	228	1512220	48.065 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	573700	48.388 ng	100
83) Chrysene	14.02	228	1591988	47.123 ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	975909	39.172 ng	99
85) Di-n-octyl phthalate	14.59	149	1735457	38.721 ng	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1496689	51.038 ng	100
88) Benzo(b)fluoranthene	15.03	252	1436485	47.514 ng	100
89) Benzo(k)fluoranthene	15.06	252	1356770	51.799 ng	99
90) Benzo(a)pyrene	15.39	252	1268335	46.779 ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1224271	50.969 ng	99
92) Benzo(g,h,i)perylene	17.32	276	1214194	50.129 ng	98

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

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