Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121569.D
Acq On : 15 Sep 2020 10:14
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 15 11:36:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198948	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	752361	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	395908	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	742463	20.00	ng		0.00
76) Chrysene-d12	13.99	240	586664	20.00	ng		0.00
86) Perylene-d12	15.44	264	538138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1112597	83.11	ng		0.01
7) Phenol-d6	6.48	99	1457861	83.01	ng		0.02
23) Nitrobenzene-d5	7.40	82	1259128	89.86	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	451869	91.83	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2109956	80.72	ng		0.00
79) Terphenyl-d14	12.94	244	2533890	87.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	261181	42.467	ng		100
3) Pyridine	3.33	79	736753	43.333	ng		100
4) n-Nitrosodimethylamine	3.29	42	341060	43.246	ng		100
6) Aniline	6.50	93	885161	38.697	ng	#	80
8) 2-Chlorophenol	6.63	128	590478	43.322	ng		95
9) Benzaldehyde	6.39	77	438706	38.210	ng		98
10) Phenol	6.49	94	743117	39.734	ng		78
11) bis(2-Chloroethyl)ether	6.57	93	629631	44.668	ng		98
12) 1,3-Dichlorobenzene	6.77	146	652811	42.911	ng		97
13) 1,4-Dichlorobenzene	6.85	146	658053	43.079	ng		98
14) 1,2-Dichlorobenzene	7.01	146	600711	42.688	ng		97
15) Benzyl Alcohol	6.98	79	510523	42.767	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	973494	42.918	ng		96
17) 2-Methylphenol	7.10	107	505178	43.560	ng		96
18) Hexachloroethane	7.35	117	241565	44.165	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	432907	42.769	ng		98
20) 3+4-Methylphenols	7.25	107	574821	41.254	ng		98
22) Acetophenone	7.25	105	803275	42.081	ng		96
24) Nitrobenzene	7.42	77	667486	44.043	ng		96
25) Isophorone	7.66	82	1240360	43.973	ng		99
26) 2-Nitrophenol	7.73	139	320698	45.111	ng		93
27) 2,4-Dimethylphenol	7.78	122	532310	42.276	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	764465	43.777	ng		99
29) 2,4-Dichlorophenol	7.98	162	508014	44.298	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	524095	43.392	ng		100
31) Naphthalene	8.14	128	1699692	42.796	ng		99
32) Benzoic acid	7.92	122	385709	42.061	ng		98
33) 4-Chloroaniline	8.19	127	737039	42.812	ng		99
34) Hexachlorobutadiene	8.26	225	315119	44.449	ng		99
35) Caprolactam	8.57	113	181162	47.436	ng		88
36) 4-Chloro-3-methylphenol	8.68	107	542388	43.904	ng		97
37) 2-Methylnaphthalene	8.83	142	1115187	42.847	ng		99
38) 1-Methylnaphthalene	8.93	142	1042140	43.022	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	525498	42.492	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	316166	44.768 ng		99
43) 2,4,6-Trichlorophenol	9.11	196	371093	44.023 ng		100
44) 2,4,5-Trichlorophenol	9.16	196	403450	45.274 ng		97
46) 1,1'-Biphenyl	9.30	154	1326723	41.859 ng		99
47) 2-Chloronaphthalene	9.32	162	1059553	42.422 ng		99
48) 2-Nitroaniline	9.42	65	372871	48.041 ng		99
49) Acenaphthylene	9.73	152	1642003	42.788 ng		99
50) Dimethylphthalate	9.60	163	1282902	44.709 ng		99
51) 2,6-Dinitrotoluene	9.66	165	296845	48.575 ng	#	87
52) Acenaphthene	9.91	154	1044071	43.075 ng		98
53) 3-Nitroaniline	9.83	138	329361	46.525 ng		99
54) 2,4-Dinitrophenol	9.93	184	144099	45.307 ng		96
55) Dibenzofuran	10.08	168	1450999	42.509 ng		99
56) 4-Nitrophenol	10.00	139	260686	46.174 ng		97
57) 2,4-Dinitrotoluene	10.06	165	392326	51.030 ng		95
58) Fluorene	10.42	166	1094334	41.923 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	325736	44.963 ng		97
60) Diethylphthalate	10.29	149	1270811	45.424 ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	544174	43.519 ng		98
62) 4-Nitroaniline	10.45	138	325504	46.309 ng		98
63) Azobenzene	10.57	77	1318827	44.266 ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	210279	46.418 ng		99
66) n-Nitrosodiphenylamine	10.53	169	1087521	42.694 ng		99
67) 4-Bromophenyl-phenylether	10.90	248	378490	44.774 ng		95
68) Hexachlorobenzene	10.97	284	417557	43.770 ng	#	92
69) Atrazine	11.06	200	265543	41.961 ng		99
70) Pentachlorophenol	11.16	266	210949	40.264 ng		97
71) Phenanthrene	11.38	178	1721017	42.544 ng		100
72) Anthracene	11.43	178	1754513	42.029 ng		99
73) Carbazole	11.59	167	1609614	42.728 ng		100
74) Di-n-butylphthalate	11.92	149	1958475	45.044 ng		100
75) Fluoranthene	12.57	202	1831696	42.417 ng		98
77) Benzidine	12.69	184	773106	39.750 ng		100
78) Pyrene	12.80	202	1892072	44.142 ng		99
80) Butylbenzylphthalate	13.42	149	838133	48.348 ng		93
81) Benzo(a)anthracene	13.98	228	1585760	42.725 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	651790	44.983 ng		98
83) Chrysene	14.02	228	1620179	43.108 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1082089	46.725 ng	#	99
85) Di-n-octyl phthalate	14.59	149	1927840	47.170 ng		100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1482032	42.289 ng		100
88) Benzo(b)fluoranthene	15.03	252	1594846	44.332 ng		99
89) Benzo(k)fluoranthene	15.06	252	1446639	43.912 ng		98
90) Benzo(a)pyrene	15.39	252	1363930	44.602 ng		99
91) Dibenzo(a,h)anthracene	16.91	278	1229732	42.153 ng		99
92) Benzo(g,h,i)perylene	17.33	276	1201115	41.886 ng		99

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

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