Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120284.D
Acq On : 14 May 2020 12:00
Operator : MA/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Quant Time: May 14 12:46:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 10:46:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	335584	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	1177188	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	636998	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1089241	20.00	ng		0.00
76) Chrysene-d12	13.79	240	709045	20.00	ng		0.00
87) Perylene-d12	15.18	264	778793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	3031491	136.53	ng		0.00
7) Phenol-d6	6.30	99	3535444	132.78	ng		0.02
23) Nitrobenzene-d5	7.22	82	3592306	165.47	ng		0.02
42) 2,4,6-Tribromophenol	10.47	330	885427	133.17	ng		0.01
45) 2-Fluorobiphenyl	9.00	172	5279703	131.89	ng		0.00
79) Terphenyl-d14	12.74	244	5520870	148.72	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	720128	71.348	ng		99
3) Pyridine	2.87	79	2118050	76.073	ng		99
4) n-Nitrosodimethylamine	2.86	42	835103	74.170	ng		99
6) Aniline	6.30	93	2278280	69.368	ng		93
8) 2-Chlorophenol	6.43	128	1662403	72.626	ng		95
9) Benzaldehyde	6.18	77	1059156	79.260	ng		98
10) Phenol	6.31	94	2148554	72.601	ng		92
11) bis(2-Chloroethyl)ether	6.38	93	1892660	78.913	ng		97
12) 1,3-Dichlorobenzene	6.57	146	1890446	78.515	ng		99
13) 1,4-Dichlorobenzene	6.65	146	1936134	76.214	ng		99
14) 1,2-Dichlorobenzene	6.80	146	1540333	68.660	ng		99
15) Benzyl Alcohol	6.80	79	1280660	72.949	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	2583231	72.482	ng		92
17) 2-Methylphenol	6.92	107	1475213	76.376	ng	#	88
18) Hexachloroethane	7.14	117	747149	83.252	ng		99
19) n-Nitroso-di-n-propylamine	7.07	70	1238999	77.412	ng		96
20) 3+4-Methylphenols	7.07	107	1801238	72.566	ng		93
22) Acetophenone	7.06	105	2471257	86.717	ng	#	97
24) Nitrobenzene	7.23	77	1890523	85.340	ng		98
25) Isophorone	7.47	82	3540035	81.600	ng		100
26) 2-Nitrophenol	7.54	139	921607	77.431	ng		92
27) 2,4-Dimethylphenol	7.59	122	1308829	75.613	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	2028019	76.774	ng		100
29) 2,4-Dichlorophenol	7.79	162	1279162	73.991	ng		98
30) 1,2,4-Trichlorobenzene	7.86	180	1463212	75.155	ng		99
31) Naphthalene	7.94	128	4276377	72.082	ng		97
32) Benzoic acid	7.78	122	1011110	87.895	ng		99
33) 4-Chloroaniline	8.00	127	1956722	74.980	ng		98
34) Hexachlorobutadiene	8.05	225	824355	73.618	ng		98
35) Caprolactam	8.42	113	388408	73.813	ng		99
36) 4-Chloro-3-methylphenol	8.50	107	1306737	70.172	ng		100
37) 2-Methylnaphthalene	8.63	142	2947000	72.691	ng		97
38) 1-Methylnaphthalene	8.73	142	2965985	75.065	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	1387282	72.166	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	680153	99.204	ng		100
43) 2,4,6-Trichlorophenol	8.92	196	999545	81.323	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	1109998	78.801	ng		98
46) 1,1'-Biphenyl	9.10	154	3595079	71.055	ng		96
47) 2-Chloronaphthalene	9.12	162	2920703	75.608	ng		98
48) 2-Nitroaniline	9.23	65	1098831	79.934	ng		95
49) Acenaphthylene	9.53	152	4196056	69.529	ng		98
50) Dimethylphthalate	9.42	163	3595052	75.231	ng		100
51) 2,6-Dinitrotoluene	9.47	165	791973	75.621	ng		97
52) Acenaphthene	9.71	154	2605832	71.294	ng		99
53) 3-Nitroaniline	9.65	138	965413	77.543	ng		99
54) 2,4-Dinitrophenol	9.76	184	457681	87.515	ng		93
55) Dibenzofuran	9.88	168	3437183	64.624	ng		98
56) 4-Nitrophenol	9.83	139	576753	85.415	ng		98
57) 2,4-Dinitrotoluene	9.89	165	870222	68.073	ng	#	80
58) Fluorene	10.22	166	2639994	63.255	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	812442	73.291	ng		98
60) Diethylphthalate	10.11	149	3200839	67.158	ng		98
62) 4-Nitroaniline	10.27	138	832667	66.888	ng		97
63) Azobenzene	10.37	77	2974778	66.620	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	538654	73.856	ng		97
66) n-Nitrosodiphenylamine	10.35	169	2582876	65.977	ng		97
67) 4-Bromophenyl-phenylether	10.70	248	913276	66.823	ng		98
68) Hexachlorobenzene	10.77	284	973907	68.616	ng		96
69) Atrazine	10.87	200	781950	94.143	ng		99
70) Pentachlorophenol	10.96	266	479144	82.247	ng		98
71) Phenanthrene	11.18	178	3856350	70.940	ng		97
72) Anthracene	11.23	178	4127888	70.822	ng		98
73) Carbazole	11.39	167	3955570	67.768	ng		97
74) Di-n-butylphthalate	11.72	149	4744918	64.401	ng		98
75) Fluoranthene	12.36	202	4506362	70.318	ng		99
78) Pyrene	12.59	202	4538613	77.294	ng		97
80) Butylbenzylphthalate	13.22	149	2275723	81.563	ng		100
81) Benzo(a)anthracene	13.79	228	3163499	70.540	ng		100
82) 3,3'-Dichlorobenzidine	13.75	252	1186679	73.020	ng		99
83) Chrysene	13.82	228	3559311	72.968	ng		97
84) Bis(2-ethylhexyl)phthalate	13.78	149	2548393	71.913	ng	#	98
85) Di-n-octyl phthalate	14.39	149	4741051	72.302	ng		99
86) Indeno(1,2,3-cd)pyrene	16.53	276	3906726	87.127	ng		100
88) Benzo(b)fluoranthene	14.80	252	3404207	66.108	ng		99
89) Benzo(k)fluoranthene	14.83	252	2955214	64.599	ng		98
90) Benzo(a)pyrene	15.13	252	3265930	71.546	ng		98
91) Dibenzo(a,h)anthracene	16.54	278	3067725	74.631	ng		99
92) Benzo(g,h,i)perylene	16.93	276	3312015	80.929	ng		99

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

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