Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120322.D
Acq On : 15 May 2020 15:31
Operator : MA/SJ
Sample : L2646-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DMSD

Quant Time: May 15 16:13:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	311046	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1186920	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	615016	20.00	ng		0.00
64) Phenanthrene-d10	11.13	188	1181625	20.00	ng		0.00
76) Chrysene-d12	13.77	240	884182	20.00	ng		0.00
87) Perylene-d12	15.16	264	778121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2223641	139.10	ng		0.01
7) Phenol-d6	6.28	99	2777184	137.37	ng		0.00
23) Nitrobenzene-d5	7.19	82	1801186	103.90	ng		0.00
42) 2,4,6-Tribromophenol	10.45	330	739242	147.42	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3091739	103.28	ng		0.00
79) Terphenyl-d14	12.73	244	3520987	87.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	335874	52.817	ng		96
3) Pyridine	2.95	79	746094	37.323	ng		98
4) n-Nitrosodimethylamine	2.89	42	381168	48.697	ng		99
6) Aniline	6.28	93	846251	32.732	ng		93
8) 2-Chlorophenol	6.40	128	864805	46.396	ng		98
9) Benzaldehyde	6.16	77	535760	42.990	ng		99
10) Phenol	6.29	94	1077930	45.677	ng	#	77
11) bis(2-Chloroethyl)ether	6.36	93	872326	46.275	ng		98
12) 1,3-Dichlorobenzene	6.55	146	851737	42.704	ng		98
13) 1,4-Dichlorobenzene	6.63	146	874502	42.570	ng		98
14) 1,2-Dichlorobenzene	6.79	146	778013	42.057	ng		99
15) Benzyl Alcohol	6.77	79	655822	45.663	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1289287	43.399	ng		72
17) 2-Methylphenol	6.90	107	673606	42.809	ng		94
18) Hexachloroethane	7.12	117	323359	41.320	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	573174	43.277	ng		93
20) 3+4-Methylphenols	7.05	107	879140	42.973	ng		97
22) Acetophenone	7.03	105	1139417	46.860	ng		98
24) Nitrobenzene	7.20	77	865642	46.398	ng		98
25) Isophorone	7.45	82	1576101	43.695	ng		99
26) 2-Nitrophenol	7.52	139	445457	45.652	ng		93
27) 2,4-Dimethylphenol	7.57	122	699030	49.248	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	1013208	44.690	ng		98
29) 2,4-Dichlorophenol	7.77	162	664838	45.606	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	693685	42.940	ng		98
31) Naphthalene	7.92	128	2301171	45.938	ng		100
32) Benzoic acid	7.73	122	439664	47.256	ng		98
33) 4-Chloroaniline	7.98	127	557013	24.400	ng		99
34) Hexachlorobutadiene	8.04	225	389094	41.671	ng		98
35) Caprolactam	8.36	113	221902m	46.528	ng		
36) 4-Chloro-3-methylphenol	8.48	107	714049	45.278	ng		98
37) 2-Methylnaphthalene	8.62	142	1529777	44.626	ng		99
38) 1-Methylnaphthalene	8.71	142	1452806	43.696	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	675753	43.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	563668	87.441 ng	98
43) 2,4,6-Trichlorophenol	8.90	196	449999	43.229 ng	99
44) 2,4,5-Trichlorophenol	8.95	196	492672	41.212 ng	99
46) 1,1'-Biphenyl	9.08	154	1882318	46.712 ng	99
47) 2-Chloronaphthalene	9.10	162	1437553	44.473 ng	99
48) 2-Nitroaniline	9.21	65	529831	44.925 ng	98
49) Acenaphthylene	9.52	152	2242226	45.411 ng	100
50) Dimethylphthalate	9.39	163	2169594	55.805 ng	99
51) 2,6-Dinitrotoluene	9.45	165	386409	44.532 ng	98
52) Acenaphthene	9.69	154	1319211	44.573 ng	99
53) 3-Nitroaniline	9.62	138	252540	24.406 ng	98
54) 2,4-Dinitrophenol	9.73	184	336283	82.102 ng	96
55) Dibenzofuran	9.86	168	1932910	45.352 ng	99
56) 4-Nitrophenol	9.82	139	467329	84.052 ng	89
57) 2,4-Dinitrotoluene	9.86	165	461122	45.303 ng	94
58) Fluorene	10.20	166	1453100	44.768 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	408279	45.382 ng	99
60) Diethylphthalate	10.09	149	1638326	43.649 ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	702279	41.614 ng	95
62) 4-Nitroaniline	10.24	138	404331	41.963 ng	99
63) Azobenzene	10.36	77	1581174	44.573 ng	95
65) 4,6-Dinitro-2-methylphenol	10.27	198	257360	43.067 ng	93
66) n-Nitrosodiphenylamine	10.32	169	1372313	41.979 ng	100
67) 4-Bromophenyl-phenylether	10.69	248	465301	40.580 ng	96
68) Hexachlorobenzene	10.75	284	508069	42.355 ng	94
69) Atrazine	10.85	200	379940	38.841 ng	98
70) Pentachlorophenol	10.95	266	433208	84.912 ng	99
71) Phenanthrene	11.16	178	2171847	43.741 ng	99
72) Anthracene	11.22	178	2391354	44.989 ng	99
73) Carbazole	11.37	167	2160420	43.500 ng	99
74) Di-n-butylphthalate	11.70	149	2674374	44.680 ng	99
75) Fluoranthene	12.34	202	2537488	47.681 ng	99
77) Benzidine	12.47	184	1574848	60.994 ng	97
78) Pyrene	12.57	202	2531121	40.155 ng	99
80) Butylbenzylphthalate	13.20	149	1292644	43.550 ng	94
81) Benzo(a)anthracene	13.77	228	2081540	44.635 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	498060	28.341 ng	98
83) Chrysene	13.80	228	2076284	41.462 ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1623403	43.961 ng	100
85) Di-n-octyl phthalate	14.37	149	2914297	43.868 ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2046646	45.031 ng	100
88) Benzo(b)fluoranthene	14.78	252	1937501	45.594 ng	98
89) Benzo(k)fluoranthene	14.81	252	1744873	47.393 ng	98
90) Benzo(a)pyrene	15.11	252	1713417	44.959 ng	100
91) Dibenzo(a,h)anthracene	16.50	278	1689060	50.028 ng	98
92) Benzo(g,h,i)perylene	16.89	276	1755651	51.567 ng	97

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

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