Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120306.D
Acq On : 14 May 2020 22:23
Operator : MA/SJ
Sample : L2501-07MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MS

Manual Integrations APPROVED
mohammad
5/18/2020 1:32:17 PM

Quant Time: May 15 04:30:08 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 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	333516	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1356373	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	662583	20.00	ng		0.00
64) Phenanthrene-d10	11.14	188	1314823	20.00	ng		0.00
76) Chrysene-d12	13.78	240	702427	20.00	ng		0.00
87) Perylene-d12	15.17	264	641318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	481457	28.09	ng		0.01
7) Phenol-d6	6.27	99	561002	25.88	ng		0.00
23) Nitrobenzene-d5	7.19	82	423535	21.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.45	330	193541	35.83	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	861210	26.70	ng		-0.01
79) Terphenyl-d14	12.73	244	927245	29.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	67176	9.852	ng	#	96
3) Pyridine	2.95	79	76843	3.585	ng		98
4) n-Nitrosodimethylamine	2.85	42	72239	8.607	ng	#	95
6) Aniline	6.29	93	154211	5.563	ng	#	72
8) 2-Chlorophenol	6.41	128	203767	10.195	ng		100
9) Benzaldehyde	6.17	77	136353	10.204	ng		90
10) Phenol	6.29	94	207742	8.210	ng		92
11) bis(2-Chloroethyl)ether	6.36	93	175568	8.686	ng		96
12) 1,3-Dichlorobenzene	6.56	146	207249	9.691	ng		99
13) 1,4-Dichlorobenzene	6.64	146	222159	10.086	ng		94
14) 1,2-Dichlorobenzene	6.79	146	204030	10.286	ng		99
15) Benzyl Alcohol	6.77	79	160199	10.403	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	334942	10.515	ng		96
17) 2-Methylphenol	6.90	107	156772	9.292	ng		96
18) Hexachloroethane	7.13	117	73583	8.769	ng		95
19) n-Nitroso-di-n-propylamine	7.03	70	147104	10.359	ng		91
20) 3+4-Methylphenols	7.06	107	201654	9.193	ng		99
22) Acetophenone	7.03	105	303710	10.930	ng	#	97
24) Nitrobenzene	7.20	77	217306	10.192	ng		95
25) Isophorone	7.45	82	411293	9.978	ng		100
26) 2-Nitrophenol	7.53	139	105478	9.459	ng		97
27) 2,4-Dimethylphenol	7.57	122	174850	10.780	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	265096	10.232	ng		99
29) 2,4-Dichlorophenol	7.78	162	163827	9.834	ng		95
30) 1,2,4-Trichlorobenzene	7.85	180	184850	10.013	ng		100
31) Naphthalene	7.93	128	634929	11.091	ng		98
32) Benzoic acid	7.68	122	57061	5.367	ng		98
33) 4-Chloroaniline	7.99	127	125056	4.794	ng		99
34) Hexachlorobutadiene	8.05	225	103143	9.666	ng		96
35) Caprolactam	8.33	113	38386m	7.043	ng		
36) 4-Chloro-3-methylphenol	8.48	107	178247	9.891	ng		99
37) 2-Methylnaphthalene	8.62	142	403971	10.312	ng		99
38) 1-Methylnaphthalene	8.72	142	394475	10.382	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	182406	10.918	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	43969	12.478	ng		98
43) 2,4,6-Trichlorophenol	8.90	196	114310	10.193	ng		100
44) 2,4,5-Trichlorophenol	8.96	196	126208	9.799	ng		97
46) 1,1'-Biphenyl	9.09	154	503496	11.598	ng		97
47) 2-Chloronaphthalene	9.11	162	378478	10.868	ng		96
48) 2-Nitroaniline	9.21	65	128583	10.120	ng		99
49) Acenaphthylene	9.52	152	607707	11.424	ng		98
50) Dimethylphthalate	9.39	163	509916	12.174	ng		99
51) 2,6-Dinitrotoluene	9.45	165	93272	9.977	ng		94
52) Acenaphthene	9.69	154	349341	10.956	ng		100
53) 3-Nitroaniline	9.62	138	75040	6.731	ng		98
54) 2,4-Dinitrophenol	9.74	184	40350	9.144	ng		98
55) Dibenzofuran	9.86	168	536099	11.675	ng		99
56) 4-Nitrophenol	9.82	139	93457	15.602	ng		97
57) 2,4-Dinitrotoluene	9.86	165	122435	11.165	ng		91
58) Fluorene	10.20	166	425827	12.177	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	100931	10.413	ng		99
60) Diethylphthalate	10.09	149	454314	11.235	ng		99
61) 4-Chlorophenyl-phenylether	10.20	204	206590	11.363	ng		91
62) 4-Nitroaniline	10.23	138	93908	9.046	ng		96
63) Azobenzene	10.36	77	434541	11.370	ng		99
65) 4,6-Dinitro-2-methylphenol	10.27	198	33117	4.980	ng		97
66) n-Nitrosodiphenylamine	10.32	169	378167	10.396	ng		98
67) 4-Bromophenyl-phenylether	10.69	248	130994	10.267	ng		94
68) Hexachlorobenzene	10.76	284	141739	10.619	ng	#	91
69) Atrazine	10.85	200	114365	10.507	ng		99
70) Pentachlorophenol	10.96	266	108498	19.112	ng		100
71) Phenanthrene	11.17	178	634167	11.478	ng		98
72) Anthracene	11.22	178	706599	11.947	ng		98
73) Carbazole	11.38	167	611625	11.067	ng		98
74) Di-n-butylphthalate	11.71	149	779499	11.704	ng		97
75) Fluoranthene	12.35	202	651169	10.996	ng		98
77) Benzidine	12.48	184	260833	12.716	ng		96
78) Pyrene	12.58	202	652765	13.035	ng		99
80) Butylbenzylphthalate	13.20	149	263887	11.191	ng		94
81) Benzo(a)anthracene	13.77	228	396875	10.712	ng		98
82) 3,3'-Dichlorobenzidine	13.73	252	139038	9.959	ng		98
83) Chrysene	13.80	228	412455	10.368	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	304769	10.388	ng		100
85) Di-n-octyl phthalate	14.38	149	535471	10.146	ng		100
86) Indeno(1,2,3-cd)pyrene	16.50	276	369572	10.235	ng		99
88) Benzo(b)fluoranthene	14.78	252	319274	9.116	ng		99
89) Benzo(k)fluoranthene	14.81	252	356971	11.764	ng		98
90) Benzo(a)pyrene	15.12	252	317680	10.114	ng		99
91) Dibenzo(a,h)anthracene	16.51	278	312436	11.228	ng		98
92) Benzo(g,h,i)perylene	16.89	276	291402	10.385	ng		96

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

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