Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120877.D
Acq On : 16 Jul 2020 10:14
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
7/17/2020 12:29:57 PM

Quant Time: Jul 16 14:18:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142441	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	561423	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	295856	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	572283	20.00	ng		0.00
76) Chrysene-d12	13.97	240	501320	20.00	ng		0.00
86) Perylene-d12	15.42	264	528292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	98575	10.68	ng		-0.01
7) Phenol-d6	6.43	99	127254	10.80	ng		-0.02
23) Nitrobenzene-d5	7.37	82	99986	10.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	31795	10.70	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	225947	11.55	ng		0.00
79) Terphenyl-d14	12.92	244	269059	10.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	21694	5.147	ng		98
3) Pyridine	3.27	79	52103	4.513	ng		97
4) n-Nitrosodimethylamine	3.18	42	23685	4.101	ng	#	92
6) Aniline	6.47	93	77695	5.134	ng		100
8) 2-Chlorophenol	6.59	128	52144	5.308	ng		97
9) Benzaldehyde	6.36	77	33240	4.743	ng		96
10) Phenol	6.45	94	70253m	5.795	ng		
11) bis(2-Chloroethyl)ether	6.55	93	51550	5.226	ng		99
12) 1,3-Dichlorobenzene	6.75	146	58570	5.416	ng		98
13) 1,4-Dichlorobenzene	6.83	146	58526	5.404	ng		97
14) 1,2-Dichlorobenzene	6.98	146	56107	5.445	ng		97
15) Benzyl Alcohol	6.95	79	44519	5.028	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	75645	4.916	ng		98
17) 2-Methylphenol	7.06	107	45980	5.232	ng		98
18) Hexachloroethane	7.33	117	19607	4.817	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	37304	5.258	ng		94
20) 3+4-Methylphenols	7.21	107	59934	5.537	ng	#	88
22) Acetophenone	7.22	105	74086	5.309	ng	#	96
24) Nitrobenzene	7.39	77	54055	4.968	ng		95
25) Isophorone	7.63	82	101759	4.869	ng		95
26) 2-Nitrophenol	7.71	139	21050	5.293	ng		92
27) 2,4-Dimethylphenol	7.75	122	41171	4.935	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	62552	5.058	ng		97
29) 2,4-Dichlorophenol	7.95	162	42084	5.053	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	48778	5.215	ng		97
31) Naphthalene	8.12	128	162482	5.415	ng		99
32) Benzoic acid	7.80	122	22604	5.007	ng		94
33) 4-Chloroaniline	8.16	127	66319	5.209	ng		99
34) Hexachlorobutadiene	8.24	225	29275	5.204	ng		99
35) Caprolactam	8.49	113	12880	5.308	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	43688	5.043	ng		100
37) 2-Methylnaphthalene	8.81	142	102162	5.238	ng		99
38) 1-Methylnaphthalene	8.91	142	96284	5.270	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	46132	5.159	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	20775	3.932	ng		93
43) 2,4,6-Trichlorophenol	9.09	196	29491	4.840	ng		93
44) 2,4,5-Trichlorophenol	9.12	196	34554	5.110	ng		98
46) 1,1'-Biphenyl	9.27	154	125900	5.276	ng		99
47) 2-Chloronaphthalene	9.29	162	99685	5.214	ng		98
48) 2-Nitroaniline	9.39	65	25749	5.034	ng		93
49) Acenaphthylene	9.71	152	158224	5.279	ng		98
50) Dimethylphthalate	9.57	163	116563	5.401	ng		99
51) 2,6-Dinitrotoluene	9.63	165	21681	5.561	ng		96
52) Acenaphthene	9.88	154	98075	5.274	ng		98
53) 3-Nitroaniline	9.79	138	27057	5.617	ng		92
55) Dibenzofuran	10.05	168	147882	5.517	ng		99
56) 4-Nitrophenol	9.95	139	19891	5.622	ng		97
57) 2,4-Dinitrotoluene	10.03	165	26668	5.697	ng	#	87
58) Fluorene	10.39	166	112556	5.642	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	25566	5.081	ng		97
60) Diethylphthalate	10.27	149	117250	5.215	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	58425	5.825	ng		96
62) 4-Nitroaniline	10.40	138	26755	5.835	ng		99
63) Azobenzene	10.55	77	111503	4.848	ng		92
65) 4,6-Dinitro-2-methylphenol	10.43	198	9438	5.133	ng		96
66) n-Nitrosodiphenylamine	10.50	169	96182	5.014	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	33246	5.008	ng		96
68) Hexachlorobenzene	10.95	284	36706	5.269	ng		93
69) Atrazine	11.03	200	22402	4.533	ng		97
70) Pentachlorophenol	11.13	266	16107	4.087	ng		99
71) Phenanthrene	11.36	178	165863	5.342	ng		98
72) Anthracene	11.41	178	164823	5.253	ng		98
73) Carbazole	11.56	167	160563	5.325	ng		98
74) Di-n-butylphthalate	11.90	149	179220	4.801	ng		99
75) Fluoranthene	12.55	202	179702	5.433	ng		95
77) Benzidine	12.66	184	58935	4.165	ng		99
78) Pyrene	12.77	202	190614	4.761	ng		98
80) Butylbenzylphthalate	13.39	149	76082	4.401	ng		95
81) Benzo(a)anthracene	13.96	228	175397	5.458	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	56750	5.233	ng		98
83) Chrysene	13.99	228	173044	5.279	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	112613	4.968	ng		100
85) Di-n-octyl phthalate	14.57	149	201188	5.017	ng		97
87) Indeno(1,2,3-cd)pyrene	16.83	276	201991	5.961	ng		99
88) Benzo(b)fluoranthene	14.99	252	165252	4.758	ng		99
89) Benzo(k)fluoranthene	15.02	252	169304	5.010	ng		97
90) Benzo(a)pyrene	15.35	252	155952	5.034	ng		99
91) Dibenzo(a,h)anthracene	16.85	278	165380	5.856	ng		100
92) Benzo(g,h,i)perylene	17.26	276	160637	6.223	ng		97

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

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