Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119849.D
Acq On : 9 Apr 2020 3:05
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:26 AM

Quant Time: Apr 09 03:47:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	209916	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	752332	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	402260	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	729256	20.00	ng		0.00
76) Chrysene-d12	13.94	240	511229	20.00	ng		0.00
87) Perylene-d12	15.37	264	487066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	908604	74.80	ng		0.00
7) Phenol-d6	6.40	99	1172524	74.91	ng		0.00
23) Nitrobenzene-d5	7.34	82	1125454	77.39	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	372947	75.72	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	2157769	76.16	ng		0.00
79) Terphenyl-d14	12.89	244	2245934	73.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	193783	35.819	ng		99
3) Pyridine	3.16	79	520805	35.086	ng		97
4) n-Nitrosodimethylamine	3.12	42	269940	35.593	ng		99
6) Aniline	6.43	93	806345	39.252	ng		100
8) 2-Chlorophenol	6.56	128	532996	39.272	ng		99
9) Benzaldehyde	6.32	77	322190	37.260	ng		97
10) Phenol	6.42	94	690017	38.860	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	537895	39.233	ng		99
12) 1,3-Dichlorobenzene	6.71	146	571509	38.464	ng		100
13) 1,4-Dichlorobenzene	6.79	146	571871	37.783	ng		99
14) 1,2-Dichlorobenzene	6.94	146	517355	37.090	ng		100
15) Benzyl Alcohol	6.92	79	439520	36.155	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	978851	36.690	ng		100
17) 2-Methylphenol	7.03	107	435394	35.948	ng		98
18) Hexachloroethane	7.29	117	204388	36.133	ng	#	90
19) n-Nitroso-di-n-propylamine	7.19	70	383128	38.066	ng		98
20) 3+4-Methylphenols	7.19	107	552245	37.281	ng		89
22) Acetophenone	7.19	105	670941	38.084	ng		97
24) Nitrobenzene	7.36	77	557180	38.087	ng		100
25) Isophorone	7.60	82	1072747	38.267	ng		99
26) 2-Nitrophenol	7.67	139	297886	40.758	ng		90
27) 2,4-Dimethylphenol	7.71	122	414626	37.615	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	659666	39.989	ng		99
29) 2,4-Dichlorophenol	7.92	162	421261	37.284	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	491259	38.372	ng		98
31) Naphthalene	8.08	128	1487639	37.583	ng		100
32) Benzoic acid	7.85	122	362248	37.419	ng		97
33) 4-Chloroaniline	8.13	127	623600	36.189	ng		99
34) Hexachlorobutadiene	8.20	225	295632	38.576	ng		98
35) Caprolactam	8.51	113	138031	39.937	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	499452	40.829	ng		94
37) 2-Methylnaphthalene	8.77	142	1080131	40.250	ng		99
38) 1-Methylnaphthalene	8.87	142	1012024	40.011	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	502193	39.527	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	286882	39.709	ng		97
43) 2,4,6-Trichlorophenol	9.05	196	317241	36.159	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	368525	37.294	ng		99
46) 1,1'-Biphenyl	9.24	154	1314416	38.713	ng		99
47) 2-Chloronaphthalene	9.26	162	965234	36.903	ng		97
48) 2-Nitroaniline	9.36	65	350854	37.016	ng		97
49) Acenaphthylene	9.67	152	1544225	38.821	ng		100
50) Dimethylphthalate	9.55	163	1160791	37.307	ng		99
51) 2,6-Dinitrotoluene	9.60	165	255471	37.495	ng		88
52) Acenaphthene	9.85	154	1019078m	38.406	ng		
53) 3-Nitroaniline	9.77	138	300197	38.577	ng		99
54) 2,4-Dinitrophenol	9.87	184	152366	37.352	ng		97
55) Dibenzofuran	10.02	168	1352563	37.146	ng		100
56) 4-Nitrophenol	9.93	139	221362	38.232	ng		99
57) 2,4-Dinitrotoluene	10.00	165	330821	36.853	ng		96
58) Fluorene	10.36	166	1059902	36.397	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280799	37.155	ng		98
60) Diethylphthalate	10.24	149	1176305	36.477	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	533064	35.716	ng		97
62) 4-Nitroaniline	10.39	138	286434	38.624	ng		98
63) Azobenzene	10.52	77	1150877	39.823	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	186213	38.759	ng		92
66) n-Nitrosodiphenylamine	10.47	169	1017912	41.971	ng		99
67) 4-Bromophenyl-phenylether	10.85	248	349428	38.530	ng		97
68) Hexachlorobenzene	10.92	284	366822	39.871	ng	#	91
69) Atrazine	11.00	200	264020	39.126	ng		97
70) Pentachlorophenol	11.10	266	205021	38.670	ng		99
71) Phenanthrene	11.33	178	1453559	37.451	ng		99
72) Anthracene	11.37	178	1496702	37.749	ng		99
73) Carbazole	11.53	167	1402447	37.404	ng		100
74) Di-n-butylphthalate	11.87	149	1909745	38.745	ng		100
75) Fluoranthene	12.52	202	1570638	37.506	ng		97
77) Benzidine	12.63	184	491059	28.416	ng		99
78) Pyrene	12.74	202	1675067	38.867	ng		99
80) Butylbenzylphthalate	13.36	149	784455	37.511	ng		99
81) Benzo(a)anthracene	13.93	228	1233416	36.674	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	476410	37.965	ng		97
83) Chrysene	13.97	228	1303518	38.145	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	1061557	37.485	ng		100
85) Di-n-octyl phthalate	14.54	149	1851648	38.401	ng		100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1118555	37.133	ng		100
88) Benzo(b)fluoranthene	14.96	252	1218156	34.766	ng		99
89) Benzo(k)fluoranthene	14.99	252	1022255	33.814	ng		99
90) Benzo(a)pyrene	15.32	252	1112050	37.748	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	922364	35.346	ng		99
92) Benzo(g,h,i)perylene	17.22	276	857110	33.274	ng		98

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

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