Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120147.D
Acq On : 23 Apr 2020 2:29
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/24/2020 4:18:06 AM

Quant Time: Apr 23 04:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	143741	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	528188	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	268253	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	506699	20.00	ng		0.00
76) Chrysene-d12	13.84	240	368448	20.00	ng		0.00
87) Perylene-d12	15.24	264	318499	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	766724	92.18	ng		0.00
7) Phenol-d6	6.32	99	978080	91.26	ng		0.00
23) Nitrobenzene-d5	7.25	82	883960	86.58	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	247874	75.47	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1660590	87.89	ng		0.00
79) Terphenyl-d14	12.79	244	1708004	78.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	157923	42.63	ng		99
3) Pyridine	2.96	79	445839	43.86	ng		93
4) n-Nitrosodimethylamine	2.93	42	221697	42.69	ng		98
6) Aniline	6.34	93	624384	44.39	ng	#	63
8) 2-Chlorophenol	6.46	128	417457	44.92	ng		98
9) Benzaldehyde	6.22	77	257743	49.76	ng		97
10) Phenol	6.33	94	545734	44.88	ng		76
11) bis(2-Chloroethyl)ether	6.42	93	412867	43.98	ng		96
12) 1,3-Dichlorobenzene	6.62	146	450702	44.30	ng		96
13) 1,4-Dichlorobenzene	6.69	146	449991	43.42	ng		97
14) 1,2-Dichlorobenzene	6.85	146	426159	44.62	ng		97
15) Benzyl Alcohol	6.83	79	355183	42.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	733056	40.13	ng		97
17) 2-Methylphenol	6.95	107	358634	43.24	ng		98
18) Hexachloroethane	7.19	117	169085	43.65	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	288048	41.80	ng		98
20) 3+4-Methylphenols	7.10	107	460610	45.41	ng	#	82
22) Acetophenone	7.09	105	557086	45.04	ng	#	92
24) Nitrobenzene	7.27	77	452544	44.06	ng		98
25) Isophorone	7.51	82	822105	41.77	ng		100
26) 2-Nitrophenol	7.58	139	226174	44.08	ng		98
27) 2,4-Dimethylphenol	7.63	122	329964	42.64	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	494940	42.74	ng		99
29) 2,4-Dichlorophenol	7.83	162	342942	43.23	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	380933	42.38	ng		96
31) Naphthalene	7.99	128	1207856	43.46	ng		98
32) Benzoic acid	7.76	122	208072	30.61	ng		98
33) 4-Chloroaniline	8.04	127	520105	42.99	ng		99
34) Hexachlorobutadiene	8.10	225	224190	41.67	ng		98
35) Caprolactam	8.42	113	102490	42.24	ng	#	78
36) 4-Chloro-3-methylphenol	8.53	107	367880	42.84	ng		96
37) 2-Methylnaphthalene	8.68	142	805512	42.75	ng		97
38) 1-Methylnaphthalene	8.77	142	750863	42.28	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	369590	43.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	187099	38.83 ng	100
43) 2,4,6-Trichlorophenol	8.96	196	242594	41.46 ng	98
44) 2,4,5-Trichlorophenol	9.00	196	267666	40.62 ng	94
46) 1,1'-Biphenyl	9.15	154	992490	43.83 ng	98
47) 2-Chloronaphthalene	9.17	162	759090	43.52 ng	98
48) 2-Nitroaniline	9.27	65	275607	43.60 ng	93
49) Acenaphthylene	9.58	152	1185666	44.70 ng	98
50) Dimethylphthalate	9.45	163	874985	42.17 ng	100
51) 2,6-Dinitrotoluene	9.51	165	196503	43.25 ng	92
52) Acenaphthene	9.76	154	709204	40.08 ng	98
53) 3-Nitroaniline	9.68	138	227424	43.83 ng	99
54) 2,4-Dinitrophenol	9.79	184	60185	22.12 ng	96
55) Dibenzofuran	9.93	168	1055622	43.47 ng	99
56) 4-Nitrophenol	9.85	139	146683	37.99 ng	98
57) 2,4-Dinitrotoluene	9.92	165	257850	43.07 ng	96
58) Fluorene	10.27	166	819430	42.20 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	204492	40.58 ng	99
60) Diethylphthalate	10.15	149	893894	41.57 ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	409998	41.19 ng	99
62) 4-Nitroaniline	10.29	138	229799	46.47 ng	99
63) Azobenzene	10.42	77	838491	43.51 ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	120002	35.95 ng	93
66) n-Nitrosodiphenylamine	10.39	169	748491	44.42 ng	100
67) 4-Bromophenyl-phenylether	10.75	248	252048	40.00 ng	100
68) Hexachlorobenzene	10.82	284	263071	41.15 ng	98
69) Atrazine	10.91	200	188374	40.18 ng	98
70) Pentachlorophenol	11.01	266	119758m	32.51 ng	
71) Phenanthrene	11.23	178	1188221	44.06 ng	98
72) Anthracene	11.28	178	1209104	43.89 ng	98
73) Carbazole	11.44	167	1147629	44.05 ng	98
74) Di-n-butylphthalate	11.77	149	1402276	40.95 ng	99
75) Fluoranthene	12.42	202	1297330	44.59 ng	97
77) Benzidine	12.54	184	403570	32.40 ng	98
78) Pyrene	12.65	202	1319920	42.49 ng	98
80) Butylbenzylphthalate	13.27	149	589878	39.14 ng	98
81) Benzo(a)anthracene	13.83	228	1063818	43.89 ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	368476	40.74 ng	99
83) Chrysene	13.87	228	1079939	43.85 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	758000	37.14 ng	99
85) Di-n-octyl phthalate	14.44	149	1290673	37.14 ng	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	889258	40.96 ng	100
88) Benzo(b)fluoranthene	14.85	252	934238	40.77 ng	98
89) Benzo(k)fluoranthene	14.88	252	919204	46.50 ng	99
90) Benzo(a)pyrene	15.19	252	845980	43.91 ng	98
91) Dibenzo(a,h)anthracene	16.62	278	723469	42.40 ng	98
92) Benzo(g,h,i)perylene	17.02	276	712075	42.27 ng	97

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

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