Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120233.D
Acq On : 30 Apr 2020 12:06
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:46 AM

Quant Time: Apr 30 12:42:10 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 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	121726	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	446485	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	229876	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	455537	20.00	ng		0.00
76) Chrysene-d12	13.83	240	384420	20.00	ng		0.00
87) Perylene-d12	15.23	264	403746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	632953	89.86	ng		0.00
7) Phenol-d6	6.31	99	779231	85.86	ng		0.00
23) Nitrobenzene-d5	7.22	82	716927	83.07	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	214008	76.04	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1356568	83.79	ng		0.00
79) Terphenyl-d14	12.77	244	1443095	63.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	117797	37.548	ng		99
3) Pyridine	2.87	79	356857	41.459	ng		97
4) n-Nitrosodimethylamine	2.83	42	181841	41.348	ng		95
6) Aniline	6.32	93	495693	41.612	ng	#	54
8) 2-Chlorophenol	6.44	128	338455	43.006	ng		98
9) Benzaldehyde	6.20	77	207798	45.034	ng		97
10) Phenol	6.32	94	442948	43.019	ng		85
11) bis(2-Chloroethyl)ether	6.39	93	331564	41.705	ng		98
12) 1,3-Dichlorobenzene	6.59	146	368661	42.788	ng		96
13) 1,4-Dichlorobenzene	6.67	146	367645	41.888	ng		98
14) 1,2-Dichlorobenzene	6.82	146	346923	42.890	ng		99
15) Benzyl Alcohol	6.80	79	285689	40.527	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	586305	37.898	ng		89
17) 2-Methylphenol	6.93	107	292547	41.654	ng	#	93
18) Hexachloroethane	7.16	117	135588	41.337	ng		95
19) n-Nitroso-di-n-propylamine	7.07	70	235859	40.412	ng		99
20) 3+4-Methylphenols	7.08	107	384958	44.816	ng	#	83
22) Acetophenone	7.07	105	453094	43.336	ng	#	98
24) Nitrobenzene	7.24	77	365086	42.051	ng		97
25) Isophorone	7.48	82	651556	39.163	ng		99
26) 2-Nitrophenol	7.56	139	177962	41.029	ng		92
27) 2,4-Dimethylphenol	7.61	122	266353	40.716	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	397060	40.558	ng		100
29) 2,4-Dichlorophenol	7.81	162	278192	41.487	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	303581	39.956	ng		98
31) Naphthalene	7.96	128	976930	41.588	ng		97
32) Benzoic acid	7.75	122	204377	35.573	ng		96
33) 4-Chloroaniline	8.02	127	410968	40.187	ng		99
34) Hexachlorobutadiene	8.08	225	182698	40.170	ng		98
35) Caprolactam	8.40	113	82513m	40.227	ng		
36) 4-Chloro-3-methylphenol	8.52	107	291903	40.208	ng		99
37) 2-Methylnaphthalene	8.65	142	593197	37.247	ng		98
38) 1-Methylnaphthalene	8.75	142	566296	37.725	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	297404	40.962	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	148972	36.083	ng		99
43) 2,4,6-Trichlorophenol	8.94	196	196428	39.178	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	223434	39.568	ng		99
46) 1,1'-Biphenyl	9.12	154	804780	41.477	ng		98
47) 2-Chloronaphthalene	9.15	162	617602	41.320	ng		98
48) 2-Nitroaniline	9.25	65	225338	41.602	ng		99
49) Acenaphthylene	9.56	152	953855	41.962	ng		99
50) Dimethylphthalate	9.43	163	718824	40.427	ng		100
51) 2,6-Dinitrotoluene	9.49	165	156778	40.265	ng		98
52) Acenaphthene	9.73	154	581692	38.362	ng		99
53) 3-Nitroaniline	9.66	138	193257	43.459	ng		92
54) 2,4-Dinitrophenol	9.77	184	97127	41.665	ng	#	87
55) Dibenzofuran	9.90	168	866947	41.664	ng		99
56) 4-Nitrophenol	9.85	139	119583	36.142	ng		93
57) 2,4-Dinitrotoluene	9.90	165	212067	41.339	ng		94
58) Fluorene	10.25	166	689251	41.419	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	169155	39.167	ng		98
60) Diethylphthalate	10.13	149	755937	41.020	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	346302	40.602	ng		99
62) 4-Nitroaniline	10.28	138	197111	46.511	ng		97
63) Azobenzene	10.40	77	698267	42.280	ng		98
65) 4,6-Dinitro-2-methylphenol	10.31	198	116510	38.822	ng		97
66) n-Nitrosodiphenylamine	10.36	169	623072	41.127	ng		98
67) 4-Bromophenyl-phenylether	10.73	248	211470	37.329	ng		98
68) Hexachlorobenzene	10.79	284	220630	38.391	ng		97
69) Atrazine	10.89	200	163864	38.875	ng		99
70) Pentachlorophenol	10.99	266	115384	34.840	ng		97
71) Phenanthrene	11.21	178	1008326	41.590	ng		97
72) Anthracene	11.26	178	1033362	41.724	ng		98
73) Carbazole	11.42	167	997278	42.580	ng		98
74) Di-n-butylphthalate	11.75	149	1228392	39.896	ng		99
75) Fluoranthene	12.40	202	1106870	42.313	ng		95
77) Benzidine	12.52	184	507439	39.050	ng		98
78) Pyrene	12.62	202	1098133	33.885	ng		98
80) Butylbenzylphthalate	13.25	149	543947	34.591	ng		99
81) Benzo(a)anthracene	13.82	228	1025515	40.551	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	387606	41.077	ng		99
83) Chrysene	13.85	228	1052080	40.943	ng		97
84) Bis(2-ethylhexyl)phthalate	13.82	149	732075	34.378	ng		99
85) Di-n-octyl phthalate	14.43	149	1347011	37.150	ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	1089353	48.092	ng		99
88) Benzo(b)fluoranthene	14.83	252	1145075	39.425	ng		98
89) Benzo(k)fluoranthene	14.86	252	913742	36.462	ng		99
90) Benzo(a)pyrene	15.17	252	972812	39.836	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	893599	41.310	ng		99
92) Benzo(g,h,i)perylene	17.00	276	946606	44.332	ng		96

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

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