Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119759.D
Acq On : 4 Apr 2020 11:38
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
4/6/2020 1:39:43 PM

Quant Time: Apr 06 02:54:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	190748	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	666892	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	292538	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	469898	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	374970	20.00	ng		-0.02
87) Perylene-d12	15.43	264	322052	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	942636	78.67	ng		0.00
7) Phenol-d6	6.44	99	1174322	76.72	ng		0.00
23) Nitrobenzene-d5	7.37	82	1022023	83.29	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	240982	79.85	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	1770072	89.64	ng		-0.01
79) Terphenyl-d14	12.92	244	1538347	80.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	213181	36.023	ng		99
3) Pyridine	3.24	79	573867	35.198	ng		94
4) n-Nitrosodimethylamine	3.19	42	264479	33.265	ng		97
6) Aniline	6.47	93	762975	36.116	ng		98
8) 2-Chlorophenol	6.59	128	500957	39.806	ng		99
9) Benzaldehyde	6.36	77	343283	35.353	ng		99
10) Phenol	6.46	94	660006	40.411	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	507938	38.885	ng		99
12) 1,3-Dichlorobenzene	6.75	146	550150	40.391	ng		99
13) 1,4-Dichlorobenzene	6.83	146	547491	40.186	ng		99
14) 1,2-Dichlorobenzene	6.98	146	515408	40.474	ng		99
15) Benzyl Alcohol	6.95	79	428632	37.227	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	912066	34.616	ng		98
17) 2-Methylphenol	7.06	107	445037	38.596	ng		97
18) Hexachloroethane	7.32	117	163214	32.690	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	342022	37.071	ng		96
20) 3+4-Methylphenols	7.22	107	532256	37.665	ng	#	82
22) Acetophenone	7.22	105	626669	39.326	ng		94
24) Nitrobenzene	7.39	77	526159	40.123	ng		99
25) Isophorone	7.63	82	953075	38.289	ng		98
26) 2-Nitrophenol	7.70	139	182819	35.407	ng		95
27) 2,4-Dimethylphenol	7.75	122	389341	36.467	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	587848	39.937	ng		99
29) 2,4-Dichlorophenol	7.95	162	381961	38.936	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	442574	40.794	ng		99
31) Naphthalene	8.12	128	1368246	39.868	ng		99
32) Benzoic acid	7.85	122	211759m	30.834	ng		
33) 4-Chloroaniline	8.16	127	584731	37.183	ng		99
34) Hexachlorobutadiene	8.23	225	264160	43.519	ng		99
35) Caprolactam	8.53	113	108677	33.850	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	387588	36.149	ng		98
37) 2-Methylnaphthalene	8.80	142	880495	39.093	ng		98
38) 1-Methylnaphthalene	8.90	142	817519	38.348	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	397990	46.415	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	38329	7.863	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	255071	41.569	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	274374	39.915	ng		97
46) 1,1'-Biphenyl	9.27	154	1071874	44.988	ng		99
47) 2-Chloronaphthalene	9.30	162	787654	42.204	ng		97
48) 2-Nitroaniline	9.39	65	291249	45.213	ng		94
49) Acenaphthylene	9.71	152	1185331	40.444	ng		98
50) Dimethylphthalate	9.57	163	928169	44.668	ng		99
51) 2,6-Dinitrotoluene	9.63	165	169550	38.068	ng		99
52) Acenaphthene	9.89	154	704436	38.555	ng		98
53) 3-Nitroaniline	9.80	138	239220	42.544	ng		89
54) 2,4-Dinitrophenol	9.90	184	5710	9.967	ng	#	79
55) Dibenzofuran	10.06	168	1035884	39.544	ng		97
56) 4-Nitrophenol	9.96	139	132590	29.891	ng		97
57) 2,4-Dinitrotoluene	10.03	165	200720	35.775	ng		94
58) Fluorene	10.40	166	762153	39.344	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187564	36.504	ng		97
60) Diethylphthalate	10.27	149	906253	42.972	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	407717	43.040	ng		95
62) 4-Nitroaniline	10.42	138	227563	42.204	ng		91
63) Azobenzene	10.55	77	769741	36.244	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	11797	5.987	ng		89
66) n-Nitrosodiphenylamine	10.51	169	693793	44.975	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	245206	45.820	ng		97
68) Hexachlorobenzene	10.95	284	239746	43.772	ng		99
69) Atrazine	11.03	200	155788	36.838	ng		99
70) Pentachlorophenol	11.14	266	124383	38.730	ng		98
71) Phenanthrene	11.36	178	1014871	41.652	ng		97
72) Anthracene	11.41	178	1029585	41.577	ng		97
73) Carbazole	11.57	167	981256	40.033	ng		97
74) Di-n-butylphthalate	11.90	149	1237569	47.199	ng		100
75) Fluoranthene	12.55	202	1082513	41.052	ng		96
77) Benzidine	12.67	184	524127	33.029	ng		98
78) Pyrene	12.78	202	1114641	36.221	ng		98
80) Butylbenzylphthalate	13.40	149	514811	41.362	ng		97
81) Benzo(a)anthracene	13.97	228	980672	40.218	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	406336	42.264	ng		99
83) Chrysene	14.00	228	990271	39.351	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	683648	46.077	ng		98
85) Di-n-octyl phthalate	14.57	149	1248540	47.847	ng		98
86) Indeno(1,2,3-cd)pyrene	16.88	276	766637	32.347	ng		99
88) Benzo(b)fluoranthene	15.01	252	887516	41.255	ng		99
89) Benzo(k)fluoranthene	15.04	252	877736	42.848	ng		99
90) Benzo(a)pyrene	15.37	252	782811	40.040	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	650346	38.031	ng		100
92) Benzo(g,h,i)perylene	17.31	276	602839	35.091	ng		98

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

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