Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119912.D
Acq On : 13 Apr 2020 12:53
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/14/2020 3:38:20 PM

Quant Time: Apr 13 13:43:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	220285	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	816478	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	434190	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	833830	20.00	ng		0.00
76) Chrysene-d12	13.91	240	606806	20.00	ng		0.00
87) Perylene-d12	15.33	264	615204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1115020	87.48	ng		0.00
7) Phenol-d6	6.38	99	1428336	86.96	ng		0.00
23) Nitrobenzene-d5	7.31	82	1335458	84.62	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	433141	81.48	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	2350221	76.85	ng		0.00
79) Terphenyl-d14	12.86	244	2611393	72.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	248244	43.725	ng		97
3) Pyridine	3.09	79	674251	43.286	ng		99
4) n-Nitrosodimethylamine	3.05	42	330629	41.543	ng		97
6) Aniline	6.40	93	930804	43.178	ng		99
8) 2-Chlorophenol	6.53	128	616272	43.271	ng		98
9) Benzaldehyde	6.29	77	370512	43.784	ng		99
10) Phenol	6.39	94	801111	42.993	ng		94
11) bis(2-Chloroethyl)ether	6.48	93	609749	42.381	ng		97
12) 1,3-Dichlorobenzene	6.68	146	658364	42.224	ng		99
13) 1,4-Dichlorobenzene	6.76	146	657695	41.408	ng		99
14) 1,2-Dichlorobenzene	6.91	146	621820	42.480	ng		98
15) Benzyl Alcohol	6.89	79	541038	42.411	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1153011	41.184	ng		100
17) 2-Methylphenol	7.00	107	548117	43.125	ng		98
18) Hexachloroethane	7.25	117	251472	42.364	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	443316	41.973	ng		99
20) 3+4-Methylphenols	7.16	107	657367	42.289	ng		93
22) Acetophenone	7.16	105	798848	41.782	ng	#	97
24) Nitrobenzene	7.33	77	674202	42.465	ng		100
25) Isophorone	7.57	82	1259305	41.392	ng		98
26) 2-Nitrophenol	7.65	139	345698	43.583	ng		90
27) 2,4-Dimethylphenol	7.69	122	503569	42.095	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	753050	42.064	ng		99
29) 2,4-Dichlorophenol	7.89	162	513179	41.851	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	573890	41.305	ng		99
31) Naphthalene	8.05	128	1773683	41.289	ng		100
32) Benzoic acid	7.82	122	454826	43.291	ng		98
33) 4-Chloroaniline	8.10	127	786376	42.050	ng		99
34) Hexachlorobutadiene	8.17	225	339188	40.782	ng		99
35) Caprolactam	8.48	113	163993m	43.721	ng		
36) 4-Chloro-3-methylphenol	8.59	107	548756	41.335	ng		93
37) 2-Methylnaphthalene	8.74	142	1168367	40.117	ng		98
38) 1-Methylnaphthalene	8.84	142	1100616	40.095	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	541828	39.510	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	374834	48.068	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	384849	40.639	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	429193	40.240	ng		93
46) 1,1'-Biphenyl	9.21	154	1464828	39.970	ng		99
47) 2-Chloronaphthalene	9.23	162	1136587	40.259	ng		100
48) 2-Nitroaniline	9.33	65	424513	41.494	ng		96
49) Acenaphthylene	9.65	152	1746716	40.683	ng		99
50) Dimethylphthalate	9.52	163	1336807	39.805	ng		99
51) 2,6-Dinitrotoluene	9.57	165	298707	40.616	ng		86
52) Acenaphthene	9.82	154	1047551	36.576	ng		99
53) 3-Nitroaniline	9.74	138	363898	43.325	ng		100
54) 2,4-Dinitrophenol	9.85	184	233670	53.070	ng	#	90
55) Dibenzofuran	9.99	168	1593748	40.551	ng		99
56) 4-Nitrophenol	9.90	139	264045	42.250	ng		94
57) 2,4-Dinitrotoluene	9.97	165	397385	41.012	ng		96
58) Fluorene	10.33	166	1190918	37.889	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	329040	40.336	ng		98
60) Diethylphthalate	10.21	149	1364867	39.212	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	599999	37.244	ng		99
62) 4-Nitroaniline	10.36	138	371559	46.418	ng		96
63) Azobenzene	10.49	77	1270819	40.739	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	234928	42.766	ng		90
66) n-Nitrosodiphenylamine	10.45	169	1117503	40.298	ng		98
67) 4-Bromophenyl-phenylether	10.82	248	409550	39.495	ng		98
68) Hexachlorobenzene	10.88	284	429662	40.845	ng		100
69) Atrazine	10.97	200	288869	37.440	ng		98
70) Pentachlorophenol	11.07	266	246588	40.677	ng		97
71) Phenanthrene	11.30	178	1776537	40.033	ng		99
72) Anthracene	11.35	178	1805691	39.831	ng		99
73) Carbazole	11.50	167	1720050	40.121	ng		99
74) Di-n-butylphthalate	11.84	149	2144360	38.049	ng		100
75) Fluoranthene	12.48	202	1899857	39.677	ng		98
77) Benzidine	12.60	184	812969	39.634	ng		98
78) Pyrene	12.71	202	1973969	38.588	ng		99
80) Butylbenzylphthalate	13.33	149	933937	37.625	ng		97
81) Benzo(a)anthracene	13.90	228	1591929	39.878	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	654669	43.953	ng		97
83) Chrysene	13.94	228	1680935	41.441	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	1191000	35.432	ng		98
85) Di-n-octyl phthalate	14.51	149	2159832	37.737	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1546130	43.242	ng		99
88) Benzo(b)fluoranthene	14.93	252	1788965	40.423	ng		99
89) Benzo(k)fluoranthene	14.96	252	1485704	38.908	ng		99
90) Benzo(a)pyrene	15.28	252	1519027	40.822	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	1274064	38.654	ng		98
92) Benzo(g,h,i)perylene	17.16	276	1213695	37.303	ng		96

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

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