Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119124.D
Acq On : 27 Feb 2020 22:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/28/2020 2:41:48 PM

Quant Time: Feb 28 05:04:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190908	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	639756	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	302336	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	493209	20.00	ng		0.00
76) Chrysene-d12	13.90	240	451651	20.00	ng		0.00
87) Perylene-d12	15.33	264	572912	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	927734	81.21	ng		0.00
7) Phenol-d6	6.40	99	1096447	78.92	ng		0.00
23) Nitrobenzene-d5	7.32	82	1000790	82.60	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	285637	72.22	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1714543	83.54	ng		0.00
79) Terphenyl-d14	12.84	244	1804723	68.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	190982	37.549	ng		99
3) Pyridine	3.13	79	530953	38.224	ng		99
4) n-Nitrosodimethylamine	3.09	42	177855	42.268	ng		100
6) Aniline	6.42	93	649497	37.887	ng		91
8) 2-Chlorophenol	6.54	128	499520	40.519	ng		99
9) Benzaldehyde	6.30	77	339612	36.587	ng		99
10) Phenol	6.42	94	584040	38.882	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	453930	39.495	ng		98
12) 1,3-Dichlorobenzene	6.69	146	590411	39.957	ng		99
13) 1,4-Dichlorobenzene	6.77	146	595844	40.297	ng		98
14) 1,2-Dichlorobenzene	6.92	146	538449	39.929	ng		99
15) Benzyl Alcohol	6.90	79	407495	40.583	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	381131	38.282	ng		99
17) 2-Methylphenol	7.02	107	388752	38.894	ng		98
18) Hexachloroethane	7.26	117	203741	38.514	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	308642	38.125	ng		99
20) 3+4-Methylphenols	7.17	107	467918m	38.212	ng		
22) Acetophenone	7.16	105	613916	41.474	ng	#	99
24) Nitrobenzene	7.33	77	492095	41.069	ng		95
25) Isophorone	7.57	82	814750	38.718	ng		99
26) 2-Nitrophenol	7.65	139	250503	39.458	ng		98
27) 2,4-Dimethylphenol	7.69	122	338623	39.300	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	537519	39.244	ng		99
29) 2,4-Dichlorophenol	7.90	162	398128	39.250	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	470470	39.120	ng		98
31) Naphthalene	8.05	128	1305633	39.351	ng		99
32) Benzoic acid	7.85	122	205404	34.804	ng		100
33) 4-Chloroaniline	8.10	127	537827	37.688	ng		99
34) Hexachlorobutadiene	8.17	225	298289	39.818	ng		98
35) Caprolactam	8.49	113	113494	36.338	ng		99
36) 4-Chloro-3-methylphenol	8.60	107	385817	37.583	ng		95
37) 2-Methylnaphthalene	8.75	142	844892	37.839	ng		98
38) 1-Methylnaphthalene	8.84	142	781315	37.208	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	434172	42.593	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	35047	17.731 ng	99
43) 2,4,6-Trichlorophenol	9.03	196	270622	42.041 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	273600	40.504 ng	97
46) 1,1'-Biphenyl	9.20	154	1028208	42.079 ng	98
47) 2-Chloronaphthalene	9.23	162	822263	41.759 ng	97
48) 2-Nitroaniline	9.33	65	232602	42.352 ng	92
49) Acenaphthylene	9.65	152	1145886	40.292 ng	99
50) Dimethylphthalate	9.51	163	954641	41.293 ng	99
51) 2,6-Dinitrotoluene	9.57	165	203875	39.692 ng	99
52) Acenaphthene	9.82	154	689363	40.199 ng	100
53) 3-Nitroaniline	9.75	138	222623	39.096 ng	99
54) 2,4-Dinitrophenol	9.86	184	31396	18.877 ng	97
55) Dibenzofuran	9.99	168	999861	39.063 ng	98
56) 4-Nitrophenol	9.92	139	117267	34.276 ng	94
57) 2,4-Dinitrotoluene	9.98	165	248365	37.305 ng	94
58) Fluorene	10.33	166	780991	39.267 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	211949	37.186 ng	98
60) Diethylphthalate	10.20	149	888256	40.770 ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	420628	39.954 ng	96
62) 4-Nitroaniline	10.36	138	220800	37.900 ng	98
63) Azobenzene	10.48	77	729098	38.500 ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	62612	20.979 ng	98
66) n-Nitrosodiphenylamine	10.44	169	697670	43.201 ng	99
67) 4-Bromophenyl-phenylether	10.81	248	267883	41.552 ng	94
68) Hexachlorobenzene	10.89	284	296826	39.934 ng	94
69) Atrazine	10.97	200	207475	36.770 ng	97
70) Pentachlorophenol	11.08	266	110860	37.025 ng	97
71) Phenanthrene	11.29	178	1080240	40.162 ng	98
72) Anthracene	11.34	178	1086662	40.434 ng	99
73) Carbazole	11.50	167	967803	40.423 ng	98
74) Di-n-butylphthalate	11.83	149	1282144	44.221 ng	98
75) Fluoranthene	12.47	202	1175369	41.168 ng	98
77) Benzidine	12.60	184	684419	37.261 ng	99
78) Pyrene	12.70	202	1194505	32.936 ng	99
80) Butylbenzylphthalate	13.32	149	561412	36.781 ng	99
81) Benzo(a)anthracene	13.89	228	1233717	40.090 ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	508231	42.531 ng	99
83) Chrysene	13.93	228	1185654	38.666 ng	98
84) Bis(2-ethylhexyl)phthalate	13.88	149	808539	41.929 ng	100
85) Di-n-octyl phthalate	14.49	149	1420107	46.221 ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	1452369	48.916 ng	100
88) Benzo(b)fluoranthene	14.93	252	1415923	37.495 ng	99
89) Benzo(k)fluoranthene	14.96	252	1352949	38.660 ng	99
90) Benzo(a)pyrene	15.28	252	1323676	38.838 ng	98
91) Dibenzo(a,h)anthracene	16.76	278	1222553	40.767 ng	99
92) Benzo(g,h,i)perylene	17.17	276	1104115	37.263 ng	98

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

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