Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120605.D
Acq On : 11 Jun 2020 16:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:59 AM

Quant Time: Jun 11 17:26:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142635	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	536137	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	273532	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	522151	20.00	ng	0.00
76) Chrysene-d12	13.96	240	441442	20.00	ng	0.00
86) Perylene-d12	15.39	264	486839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	674448	81.07	ng	-0.01
7) Phenol-d6	6.43	99	881037	85.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	753975	78.61	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	259276	81.53	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1410734	78.91	ng	0.00
79) Terphenyl-d14	12.90	244	1592477	79.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	153591	38.952	ng	100
3) Pyridine	3.20	79	431177	38.899	ng	98
4) n-Nitrosodimethylamine	3.15	42	183535	39.898	ng	99
6) Aniline	6.46	93	564408	42.561	ng	98
8) 2-Chlorophenol	6.59	128	379056	40.319	ng	98
9) Benzaldehyde	6.35	77	270896	41.333	ng	97
10) Phenol	6.45	94	482076	43.605	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	371436	40.335	ng	98
12) 1,3-Dichlorobenzene	6.74	146	413557	41.378	ng	97
13) 1,4-Dichlorobenzene	6.82	146	416023	42.188	ng	98
14) 1,2-Dichlorobenzene	6.97	146	394882	41.108	ng	99
15) Benzyl Alcohol	6.94	79	313575	42.673	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	573274	43.236	ng	99
17) 2-Methylphenol	7.06	107	330038	41.160	ng	98
18) Hexachloroethane	7.31	117	150870	41.520	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	249244	41.467	ng	97
20) 3+4-Methylphenols	7.21	107	400209	39.942	ng	91
22) Acetophenone	7.21	105	476963	39.792	ng	98
24) Nitrobenzene	7.38	77	401403	39.991	ng	95
25) Isophorone	7.62	82	715448	38.292	ng	98
26) 2-Nitrophenol	7.70	139	197218	37.140	ng	98
27) 2,4-Dimethylphenol	7.74	122	295936	37.851	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	440997	40.718	ng	99
29) 2,4-Dichlorophenol	7.94	162	311517	39.197	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	352697	40.045	ng	99
31) Naphthalene	8.10	128	1077233	40.919	ng	99
32) Benzoic acid	7.85	122	227268	37.886	ng	99
33) 4-Chloroaniline	8.15	127	470453	38.933	ng	98
34) Hexachlorobutadiene	8.22	225	213087	41.506	ng	99
35) Caprolactam	8.52	113	96611m	38.008	ng	
36) 4-Chloro-3-methylphenol	8.63	107	316986	39.922	ng	97
37) 2-Methylnaphthalene	8.79	142	719896	41.889	ng	99
38) 1-Methylnaphthalene	8.89	142	673284	41.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	337183	41.284	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	188049	41.087	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	230807	39.838	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	260909	39.694	ng		95
46) 1,1'-Biphenyl	9.26	154	861456	42.177	ng		98
47) 2-Chloronaphthalene	9.28	162	686981	41.131	ng		98
48) 2-Nitroaniline	9.38	65	215636	41.108	ng		99
49) Acenaphthylene	9.70	152	1061199	41.169	ng		99
50) Dimethylphthalate	9.56	163	778740	39.530	ng		100
51) 2,6-Dinitrotoluene	9.62	165	171222	38.351	ng		97
52) Acenaphthene	9.87	154	646000	42.021	ng		99
53) 3-Nitroaniline	9.79	138	209487	39.066	ng		95
54) 2,4-Dinitrophenol	9.89	184	86158	34.699	ng	#	88
55) Dibenzofuran	10.04	168	969284	41.120	ng		98
56) 4-Nitrophenol	9.95	139	152903	37.860	ng		93
57) 2,4-Dinitrotoluene	10.02	165	232195	39.194	ng		91
58) Fluorene	10.39	166	739875	40.716	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	203549	39.362	ng		99
60) Diethylphthalate	10.26	149	783717	40.393	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	380825	40.582	ng		97
62) 4-Nitroaniline	10.40	138	206820	38.850	ng		96
63) Azobenzene	10.53	77	746941	42.411	ng		95
65) 4,6-Dinitro-2-methylphenol	10.43	198	121636	38.823	ng		90
66) n-Nitrosodiphenylamine	10.49	169	666722	41.580	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	244195	41.208	ng		94
68) Hexachlorobenzene	10.93	284	261694	41.073	ng		95
69) Atrazine	11.02	200	191197	38.533	ng		98
70) Pentachlorophenol	11.13	266	142291	40.170	ng		99
71) Phenanthrene	11.35	178	1072698	41.328	ng		100
72) Anthracene	11.40	178	1088586	41.608	ng		99
73) Carbazole	11.55	167	1047965	40.464	ng		99
74) Di-n-butylphthalate	11.88	149	1245455	42.775	ng		100
75) Fluoranthene	12.53	202	1205833	40.633	ng		98
77) Benzidine	12.65	184	505295	33.846	ng		98
78) Pyrene	12.76	202	1240572	39.670	ng		99
80) Butylbenzylphthalate	13.38	149	544023	39.177	ng		94
81) Benzo(a)anthracene	13.94	228	1085342	40.923	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	410993	40.571	ng		99
83) Chrysene	13.99	228	1098155	40.367	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	719749	42.470	ng		99
85) Di-n-octyl phthalate	14.55	149	1314110	40.630	ng		99
87) Indeno(1,2,3-cd)pyrene	16.82	276	1337292	45.158	ng		100
88) Benzo(b)fluoranthene	14.98	252	1117096	38.521	ng		99
89) Benzo(k)fluoranthene	15.01	252	1113293	43.385	ng		99
90) Benzo(a)pyrene	15.34	252	1067692	41.138	ng		100
91) Dibenzo(a,h)anthracene	16.83	278	1092878	46.021	ng		97
92) Benzo(g,h,i)perylene	17.24	276	1083129	45.251	ng		98

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

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