Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119348.D
Acq On : 11 Mar 2020 15:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:46:45 PM

Quant Time: Mar 11 17:26:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114666	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	427844	20.00	ng		-0.01
39) Acenaphthene-d10	9.75	164	241857	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	455951	20.00	ng		0.00
76) Chrysene-d12	13.88	240	350736	20.00	ng		0.00
87) Perylene-d12	15.30	264	342280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	557930	81.31	ng		0.00
7) Phenol-d6	6.37	99	670344	80.33	ng		0.00
23) Nitrobenzene-d5	7.29	82	645620	79.68	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	240465	76.00	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1261093	76.81	ng		-0.01
79) Terphenyl-d14	12.82	244	1634400	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	112706	36.893	ng		99
3) Pyridine	3.10	79	297102	35.611	ng		95
4) n-Nitrosodimethylamine	3.05	42	98801	39.092	ng		98
6) Aniline	6.39	93	410136	39.832	ng	#	77
8) 2-Chlorophenol	6.52	128	298637	40.331	ng		98
9) Benzaldehyde	6.27	77	182948	32.814	ng		99
10) Phenol	6.39	94	355114	39.360	ng	#	72
11) bis(2-Chloroethyl)ether	6.46	93	275580	39.920	ng		97
12) 1,3-Dichlorobenzene	6.66	146	353821	39.867	ng		98
13) 1,4-Dichlorobenzene	6.73	146	361244	40.675	ng		99
14) 1,2-Dichlorobenzene	6.89	146	330131	40.759	ng		99
15) Benzyl Alcohol	6.87	79	254305	42.166	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	235777	39.428	ng	#	43
17) 2-Methylphenol	6.99	107	239633	39.916	ng		94
18) Hexachloroethane	7.22	117	129168	40.652	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	211055	43.405	ng		98
20) 3+4-Methylphenols	7.15	107	320695	43.602	ng		89
22) Acetophenone	7.13	105	409856	41.403	ng	#	95
24) Nitrobenzene	7.31	77	322103	40.197	ng		99
25) Isophorone	7.55	82	559014	39.723	ng		98
26) 2-Nitrophenol	7.63	139	165821	39.056	ng		97
27) 2,4-Dimethylphenol	7.67	122	223398	38.769	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	360617	39.369	ng		99
29) 2,4-Dichlorophenol	7.88	162	268277	39.548	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	308462	38.352	ng		98
31) Naphthalene	8.02	128	874907	39.430	ng		98
32) Benzoic acid	7.85	122	136366	34.600	ng		99
33) 4-Chloroaniline	8.08	127	376675	39.469	ng		99
34) Hexachlorobutadiene	8.14	225	197583	39.439	ng		99
35) Caprolactam	8.46	113	82160m	39.335	ng		
36) 4-Chloro-3-methylphenol	8.58	107	284658	41.464	ng		99
37) 2-Methylnaphthalene	8.71	142	590794	39.565	ng		99
38) 1-Methylnaphthalene	8.81	142	556174	39.605	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	315126	38.645	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	94097	37.373 ng	100
43) 2,4,6-Trichlorophenol	9.00	196	188028	36.514 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	180194	33.347 ng	98
46) 1,1'-Biphenyl	9.17	154	768643	39.323 ng	98
47) 2-Chloronaphthalene	9.20	162	608422	38.625 ng	97
48) 2-Nitroaniline	9.31	65	181991	41.423 ng	98
49) Acenaphthylene	9.62	152	864037	37.979 ng	99
50) Dimethylphthalate	9.48	163	718529	38.851 ng	99
51) 2,6-Dinitrotoluene	9.55	165	156739	38.146 ng	91
52) Acenaphthene	9.79	154	540523	39.402 ng	99
53) 3-Nitroaniline	9.72	138	175796	38.592 ng	92
54) 2,4-Dinitrophenol	9.86	184	62428	35.815 ng	91
55) Dibenzofuran	9.96	168	791308	38.646 ng	100
56) 4-Nitrophenol	9.92	139	107733	39.364 ng	94
57) 2,4-Dinitrotoluene	9.96	165	205953	38.670 ng	98
58) Fluorene	10.30	166	649077	40.795 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	171471	37.607 ng	99
60) Diethylphthalate	10.17	149	715812	41.071 ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	348308	41.358 ng	93
62) 4-Nitroaniline	10.35	138	168355	36.124 ng	97
63) Azobenzene	10.45	77	628489	41.487 ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	104454	37.859 ng	96
66) n-Nitrosodiphenylamine	10.41	169	574960	38.512 ng	100
67) 4-Bromophenyl-phenylether	10.77	248	229266	38.468 ng	97
68) Hexachlorobenzene	10.86	284	265121	38.583 ng	99
69) Atrazine	10.94	200	183810	35.238 ng	98
70) Pentachlorophenol	11.06	266	110565	39.944 ng	99
71) Phenanthrene	11.26	178	970519	39.031 ng	98
72) Anthracene	11.32	178	985724	39.676 ng	98
73) Carbazole	11.47	167	878690	39.700 ng	98
74) Di-n-butylphthalate	11.79	149	1137769	42.448 ng	99
75) Fluoranthene	12.45	202	1068329	40.476 ng	99
77) Benzidine	12.57	184	527135	36.955 ng	100
78) Pyrene	12.68	202	1061458	37.689 ng	99
80) Butylbenzylphthalate	13.29	149	495880	41.835 ng	96
81) Benzo(a)anthracene	13.87	228	964935	40.377 ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	375454	40.460 ng	99
83) Chrysene	13.91	228	943658	39.629 ng	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	697340	46.567 ng	98
85) Di-n-octyl phthalate	14.45	149	1129147	47.325 ng	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	803708	34.858 ng	99
88) Benzo(b)fluoranthene	14.90	252	937362	41.547 ng	97
89) Benzo(k)fluoranthene	14.93	252	838431	40.101 ng	99
90) Benzo(a)pyrene	15.25	252	793874	38.988 ng	98
91) Dibenzo(a,h)anthracene	16.72	278	671195	37.463 ng	100
92) Benzo(g,h,i)perylene	17.13	276	632319	35.720 ng	98

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

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