Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120578.D
Acq On : 9 Jun 2020 13:19
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:53 AM

Quant Time: Jun 09 15:03:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	168833	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	662982	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	337626	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	666152	20.00	ng	0.00
76) Chrysene-d12	13.96	240	561718	20.00	ng	0.00
86) Perylene-d12	15.40	264	631788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	436317	49.25	ng	0.00
7) Phenol-d6	6.43	99	560763	51.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	486055	47.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	170583	54.53	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	974242	48.96	ng	0.00
79) Terphenyl-d14	12.90	244	1252991	49.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	102819	23.429	ng	99
3) Pyridine	3.25	79	288188	23.711	ng	98
4) n-Nitrosodimethylamine	3.18	42	117365	22.818	ng	95
6) Aniline	6.46	93	379713	24.939	ng	99
8) 2-Chlorophenol	6.59	128	257722	25.800	ng	96
9) Benzaldehyde	6.35	77	156119	23.458	ng	96
10) Phenol	6.45	94	330595	27.686	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	253381	25.393	ng	99
12) 1,3-Dichlorobenzene	6.74	146	279829	25.498	ng	97
13) 1,4-Dichlorobenzene	6.82	146	275095	25.124	ng	98
14) 1,2-Dichlorobenzene	6.97	146	275459	27.237	ng	98
15) Benzyl Alcohol	6.94	79	216762	26.334	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	381253	24.236	ng	99
17) 2-Methylphenol	7.06	107	226755	25.385	ng	98
18) Hexachloroethane	7.32	117	101876	25.418	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	170186	24.518	ng	96
20) 3+4-Methylphenols	7.21	107	275329	24.399	ng	94
22) Acetophenone	7.21	105	344188	25.562	ng	98
24) Nitrobenzene	7.38	77	257885	23.620	ng	98
25) Isophorone	7.62	82	496268	24.362	ng	100
26) 2-Nitrophenol	7.70	139	138931	28.224	ng	93
27) 2,4-Dimethylphenol	7.74	122	194471	22.749	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	281058	22.911	ng	99
29) 2,4-Dichlorophenol	7.94	162	214194	24.807	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	243219	25.101	ng	98
31) Naphthalene	8.10	128	734118	25.213	ng	100
32) Benzoic acid	7.84	122	145456	22.929	ng	99
33) 4-Chloroaniline	8.15	127	313614	24.303	ng	98
34) Hexachlorobutadiene	8.22	225	135402	23.574	ng	98
35) Caprolactam	8.51	113	68569	24.521	ng	95
36) 4-Chloro-3-methylphenol	8.63	107	212588	24.267	ng	100
37) 2-Methylnaphthalene	8.80	142	494298	25.630	ng	99
38) 1-Methylnaphthalene	8.89	142	445931	24.496	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	237600	27.442	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	124350	25.733 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	150235	23.992 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	174117	24.530 ng	97
46) 1,1'-Biphenyl	9.26	154	564317	25.443 ng	98
47) 2-Chloronaphthalene	9.28	162	456488	24.995 ng	98
48) 2-Nitroaniline	9.38	65	132444	23.809 ng	93
49) Acenaphthylene	9.70	152	728670	25.819 ng	99
50) Dimethylphthalate	9.56	163	533818	25.290 ng	100
51) 2,6-Dinitrotoluene	9.62	165	120180	25.621 ng	87
52) Acenaphthene	9.87	154	450096m	25.553 ng	
53) 3-Nitroaniline	9.79	138	142938	25.950 ng	98
54) 2,4-Dinitrophenol	9.89	184	59306	37.297 ng	92
55) Dibenzofuran	10.04	168	656743	25.657 ng	100
56) 4-Nitrophenol	9.95	139	100807	23.904 ng	99
57) 2,4-Dinitrotoluene	10.02	165	158401	26.385 ng	97
58) Fluorene	10.39	166	498945	25.975 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	135033	24.413 ng	100
60) Diethylphthalate	10.26	149	529026	24.802 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	259887	24.955 ng	97
62) 4-Nitroaniline	10.40	138	138704	26.673 ng	98
63) Azobenzene	10.54	77	481126	23.981 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	80465	33.117 ng	99
66) n-Nitrosodiphenylamine	10.49	169	455543	24.618 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	167021	24.839 ng	95
68) Hexachlorobenzene	10.93	284	181938	25.407 ng	95
69) Atrazine	11.02	200	124379	23.847 ng	98
70) Pentachlorophenol	11.13	266	88959	20.318 ng	99
71) Phenanthrene	11.34	178	756322	25.767 ng	99
72) Anthracene	11.40	178	763939	25.940 ng	100
73) Carbazole	11.55	167	744424	26.133 ng	99
74) Di-n-butylphthalate	11.89	149	865308	26.114 ng	98
75) Fluoranthene	12.53	202	869231	27.521 ng	98
77) Benzidine	12.65	184	310814	21.059 ng	98
78) Pyrene	12.76	202	896160	22.941 ng	99
80) Butylbenzylphthalate	13.38	149	363972	22.318 ng	99
81) Benzo(a)anthracene	13.95	228	757707	25.169 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	284640	26.043 ng	99
83) Chrysene	13.99	228	766785	24.295 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	492058	25.703 ng	100
85) Di-n-octyl phthalate	14.56	149	927636	28.004 ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	894723	25.893 ng	99
88) Benzo(b)fluoranthene	14.99	252	789934	22.511 ng	99
89) Benzo(k)fluoranthene	15.02	252	767546	23.430 ng	99
90) Benzo(a)pyrene	15.34	252	733869	23.909 ng	98
91) Dibenzo(a,h)anthracene	16.84	278	729153	25.882 ng	99
92) Benzo(g,h,i)perylene	17.26	276	719267	25.886 ng	98

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

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