Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120594.D
Acq On : 10 Jun 2020 17:56
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:54 PM

Quant Time: Jun 10 18:38:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 18:10:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181995	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	688681	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	347693	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	675733	20.00	ng		0.00
76) Chrysene-d12	13.96	240	476737	20.00	ng		0.00
86) Perylene-d12	15.40	264	525198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	873369	82.27	ng		0.00
7) Phenol-d6	6.44	99	1142385	86.40	ng		0.00
23) Nitrobenzene-d5	7.37	82	1010840	82.04	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	354849	87.78	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1831997	80.62	ng		0.00
79) Terphenyl-d14	12.91	244	1819671	84.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	202444	40.238	ng		100
3) Pyridine	3.25	79	574415	40.613	ng		98
4) n-Nitrosodimethylamine	3.20	42	238880	40.698	ng		97
6) Aniline	6.46	93	747289	44.165	ng		99
8) 2-Chlorophenol	6.59	128	507879	42.339	ng		99
9) Benzaldehyde	6.35	77	364673	43.607	ng		98
10) Phenol	6.45	94	613927	43.521	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	500062	42.559	ng		99
12) 1,3-Dichlorobenzene	6.75	146	549277	43.071	ng		100
13) 1,4-Dichlorobenzene	6.82	146	545852	43.382	ng		100
14) 1,2-Dichlorobenzene	6.97	146	511662	41.746	ng		99
15) Benzyl Alcohol	6.95	79	410907	43.825	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	767220	45.349	ng		100
17) 2-Methylphenol	7.06	107	453440	44.320	ng		100
18) Hexachloroethane	7.32	117	205119	44.241	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	327145	42.657	ng		97
20) 3+4-Methylphenols	7.21	107	507090	39.664	ng		99
22) Acetophenone	7.22	105	617290	40.092	ng		99
24) Nitrobenzene	7.39	77	535612	41.542	ng		97
25) Isophorone	7.63	82	985071	41.045	ng		98
26) 2-Nitrophenol	7.70	139	282772	41.457	ng		99
27) 2,4-Dimethylphenol	7.74	122	412847	41.108	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	613068	44.067	ng		100
29) 2,4-Dichlorophenol	7.95	162	432458	42.362	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	483934	42.775	ng		100
31) Naphthalene	8.11	128	1472435	43.542	ng		99
32) Benzoic acid	7.87	122	334035	43.350	ng		100
33) 4-Chloroaniline	8.16	127	661272	42.603	ng		99
34) Hexachlorobutadiene	8.22	225	295332	44.783	ng		99
35) Caprolactam	8.53	113	137899	42.235	ng	#	83
36) 4-Chloro-3-methylphenol	8.64	107	447764	43.902	ng		99
37) 2-Methylnaphthalene	8.80	142	958547	43.421	ng		99
38) 1-Methylnaphthalene	8.90	142	929156	44.730	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	462724	44.571	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	268976	46.234	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	322600	43.805	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	367777	44.018	ng		97
46) 1,1'-Biphenyl	9.26	154	1152785	44.402	ng		100
47) 2-Chloronaphthalene	9.29	162	943067	44.420	ng		99
48) 2-Nitroaniline	9.38	65	304335	45.642	ng		96
49) Acenaphthylene	9.70	152	1430563	43.661	ng		99
50) Dimethylphthalate	9.56	163	1114101	44.491	ng		100
51) 2,6-Dinitrotoluene	9.62	165	246296	43.400	ng		96
52) Acenaphthene	9.87	154	843265m	43.153	ng		
53) 3-Nitroaniline	9.79	138	297128	43.592	ng		98
54) 2,4-Dinitrophenol	9.90	184	137424	42.761	ng		95
55) Dibenzofuran	10.05	168	1312958	43.819	ng		99
56) 4-Nitrophenol	9.96	139	218404	42.544	ng		96
57) 2,4-Dinitrotoluene	10.03	165	329584	43.767	ng		93
58) Fluorene	10.39	166	974987	42.210	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	288619	43.908	ng		99
60) Diethylphthalate	10.26	149	1076208	43.637	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	505033	42.339	ng		95
62) 4-Nitroaniline	10.41	138	293234	43.334	ng		98
63) Azobenzene	10.54	77	1029107	45.969	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	182820	45.089	ng		88
66) n-Nitrosodiphenylamine	10.50	169	923761	44.516	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	336792	43.916	ng		99
68) Hexachlorobenzene	10.93	284	357122	43.312	ng		99
69) Atrazine	11.03	200	283757	44.189	ng		98
70) Pentachlorophenol	11.13	266	207177	45.194	ng		99
71) Phenanthrene	11.35	178	1436070	42.752	ng		100
72) Anthracene	11.40	178	1469767	43.409	ng		100
73) Carbazole	11.55	167	1408689	42.030	ng		99
74) Di-n-butylphthalate	11.89	149	1708846	45.351	ng		100
75) Fluoranthene	12.53	202	1625630	42.329	ng		100
77) Benzidine	12.66	184	647331	40.150	ng		100
78) Pyrene	12.76	202	1453749	43.045	ng		100
80) Butylbenzylphthalate	13.38	149	661578	44.116	ng		99
81) Benzo(a)anthracene	13.95	228	1230324	42.955	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	478880	43.772	ng		99
83) Chrysene	13.99	228	1268099	43.163	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	837593	45.765	ng	#	98
85) Di-n-octyl phthalate	14.56	149	1546349	44.271	ng		99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1383777	43.315	ng		99
88) Benzo(b)fluoranthene	14.99	252	1410759	45.094	ng		100
89) Benzo(k)fluoranthene	15.02	252	1132133	40.896	ng		100
90) Benzo(a)pyrene	15.34	252	1209451	43.197	ng		99
91) Dibenzo(a,h)anthracene	16.84	278	1122003	43.797	ng		98
92) Benzo(g,h,i)perylene	17.26	276	1111217	43.033	ng		99

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

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