Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120257.D
Acq On : 1 May 2020 14:41
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/4/2020 3:45:07 PM

Quant Time: May 01 15:29:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 15:26:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	172654	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	659496	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	336880	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	631715	20.00	ng		0.00
76) Chrysene-d12	13.83	240	505458	20.00	ng		0.00
87) Perylene-d12	15.22	264	434860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	891663	89.25	ng		0.00
7) Phenol-d6	6.32	99	1101198	85.54	ng		0.00
23) Nitrobenzene-d5	7.23	82	1001020	78.52	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	300344	72.82	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1936079	81.60	ng		0.00
79) Terphenyl-d14	12.77	244	2191826	72.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	174365	39.185	ng		96
3) Pyridine	2.92	79	507516	41.570	ng		94
4) n-Nitrosodimethylamine	2.88	42	262049	42.010	ng		96
6) Aniline	6.32	93	706491	41.813	ng	#	52
8) 2-Chlorophenol	6.45	128	474121	42.474	ng		99
9) Benzaldehyde	6.20	77	297516	45.862	ng		98
10) Phenol	6.33	94	624188	42.739	ng		88
11) bis(2-Chloroethyl)ether	6.40	93	471950	41.853	ng		99
12) 1,3-Dichlorobenzene	6.59	146	520611	42.600	ng		95
13) 1,4-Dichlorobenzene	6.67	146	520696	41.827	ng		97
14) 1,2-Dichlorobenzene	6.83	146	488448	42.575	ng		97
15) Benzyl Alcohol	6.81	79	411094	41.115	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	818298	37.292	ng		74
17) 2-Methylphenol	6.93	107	419521	42.113	ng	#	89
18) Hexachloroethane	7.16	117	195196	41.956	ng		96
19) n-Nitroso-di-n-propylamine	7.08	70	336800	40.686	ng		99
20) 3+4-Methylphenols	7.09	107	546620	44.866	ng	#	82
22) Acetophenone	7.07	105	639226	41.392	ng	#	98
24) Nitrobenzene	7.25	77	491688	38.341	ng		100
25) Isophorone	7.49	82	962666	39.174	ng		98
26) 2-Nitrophenol	7.56	139	263943	41.197	ng		97
27) 2,4-Dimethylphenol	7.61	122	384761	39.819	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	579929	40.104	ng		98
29) 2,4-Dichlorophenol	7.81	162	397932	40.177	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	448636	39.976	ng		100
31) Naphthalene	7.96	128	1396865	40.258	ng		99
32) Benzoic acid	7.77	122	303647	35.781	ng		97
33) 4-Chloroaniline	8.02	127	592285	39.210	ng		98
34) Hexachlorobutadiene	8.08	225	266647	39.692	ng		99
35) Caprolactam	8.41	113	120145m	39.655	ng		
36) 4-Chloro-3-methylphenol	8.52	107	431527	40.242	ng		98
37) 2-Methylnaphthalene	8.65	142	920541	39.132	ng		99
38) 1-Methylnaphthalene	8.75	142	872647	39.357	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	432885	40.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	242324	40.051	ng		99
43) 2,4,6-Trichlorophenol	8.94	196	289336	39.379	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	325318	39.311	ng		97
46) 1,1'-Biphenyl	9.12	154	1165231	40.979	ng		97
47) 2-Chloronaphthalene	9.15	162	898291	41.009	ng		98
48) 2-Nitroaniline	9.25	65	330570	41.645	ng		99
49) Acenaphthylene	9.56	152	1368254	41.073	ng		98
50) Dimethylphthalate	9.43	163	1053567	40.433	ng		99
51) 2,6-Dinitrotoluene	9.49	165	230652	40.422	ng		88
52) Acenaphthene	9.73	154	820988	36.945	ng		98
53) 3-Nitroaniline	9.66	138	275722	42.309	ng		97
54) 2,4-Dinitrophenol	9.77	184	162906	47.686	ng		97
55) Dibenzofuran	9.90	168	1212987	39.778	ng		99
56) 4-Nitrophenol	9.85	139	162568	33.527	ng		95
57) 2,4-Dinitrotoluene	9.90	165	301368	40.087	ng	#	86
58) Fluorene	10.25	166	949103	38.918	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	243215	38.428	ng		99
60) Diethylphthalate	10.13	149	1092500	40.453	ng		98
61) 4-Chlorophenyl-phenylether	10.24	204	474007	37.922	ng		99
62) 4-Nitroaniline	10.28	138	278721	44.878	ng		99
63) Azobenzene	10.40	77	991239	40.955	ng		99
65) 4,6-Dinitro-2-methylphenol	10.31	198	178328	42.849	ng		89
66) n-Nitrosodiphenylamine	10.36	169	875380	41.667	ng		100
67) 4-Bromophenyl-phenylether	10.73	248	298187	37.956	ng		99
68) Hexachlorobenzene	10.79	284	311030	39.027	ng		98
69) Atrazine	10.90	200	224493	38.405	ng		98
70) Pentachlorophenol	10.99	266	158591	34.531	ng		98
71) Phenanthrene	11.20	178	1303343	38.766	ng		98
72) Anthracene	11.26	178	1348013	39.249	ng		98
73) Carbazole	11.42	167	1291582	39.766	ng		99
74) Di-n-butylphthalate	11.75	149	1850521	43.340	ng		100
75) Fluoranthene	12.39	202	1648114	45.433	ng		99
77) Benzidine	12.52	184	734955	43.015	ng		98
78) Pyrene	12.62	202	1673296	39.269	ng		98
80) Butylbenzylphthalate	13.25	149	809056	39.129	ng		96
81) Benzo(a)anthracene	13.81	228	1331242	40.035	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	497590	40.105	ng		99
83) Chrysene	13.85	228	1360645	40.271	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	1054732	37.669	ng		99
85) Di-n-octyl phthalate	14.42	149	1794745	37.646	ng		99
86) Indeno(1,2,3-cd)pyrene	16.58	276	1106123	37.139	ng		100
88) Benzo(b)fluoranthene	14.83	252	1244294	39.776	ng		99
89) Benzo(k)fluoranthene	14.86	252	1085066	40.201	ng		99
90) Benzo(a)pyrene	15.17	252	1064222	40.461	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	906869	38.924	ng		98
92) Benzo(g,h,i)perylene	16.99	276	893066	38.832	ng		97

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

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