Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121594.D
Acq On : 16 Sep 2020 13:33
Operator : JU/CG
Sample : L3998-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Manual Integrations APPROVED
mohammad
9/18/2020 11:28:12 AM

Quant Time: Sep 16 14:02:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	182535	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	716244	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	368037	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	666982	20.00	ng		0.00
76) Chrysene-d12	13.98	240	408758	20.00	ng		-0.01
86) Perylene-d12	15.43	264	343720	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	991166	80.70	ng		0.01
7) Phenol-d6	6.46	99	1291097	80.12	ng		0.00
23) Nitrobenzene-d5	7.39	82	880034	65.97	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	390974	85.47	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1500957	61.77	ng		-0.01
79) Terphenyl-d14	12.93	244	1397407	69.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	204435	36.229	ng		99
3) Pyridine	3.40	79	572409	36.694	ng		100
4) n-Nitrosodimethylamine	3.35	42	284706	39.347	ng		100
6) Aniline	6.49	93	315836	15.049	ng	#	83
8) 2-Chlorophenol	6.61	128	520171	41.596	ng		99
9) Benzaldehyde	6.37	77	243832	23.147	ng		98
10) Phenol	6.48	94	688106	40.101	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	521264	40.305	ng		99
12) 1,3-Dichlorobenzene	6.76	146	547568	39.230	ng		98
13) 1,4-Dichlorobenzene	6.84	146	547387	39.056	ng		99
14) 1,2-Dichlorobenzene	6.99	146	530068	41.055	ng		99
15) Benzyl Alcohol	6.97	79	458768	41.887	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	809717	38.907	ng		93
17) 2-Methylphenol	7.09	107	421078	39.573	ng		95
18) Hexachloroethane	7.33	117	202370	40.326	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	360815	38.852	ng		98
20) 3+4-Methylphenols	7.24	107	505094	39.509	ng		96
22) Acetophenone	7.23	105	672431	37.003	ng		96
24) Nitrobenzene	7.40	77	567388	39.326	ng		99
25) Isophorone	7.65	82	1013428	37.739	ng		99
26) 2-Nitrophenol	7.72	139	271104	40.345	ng		94
27) 2,4-Dimethylphenol	7.76	122	453629	37.844	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	637947	38.374	ng		99
29) 2,4-Dichlorophenol	7.97	162	420738	38.537	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	447874	38.951	ng		99
31) Naphthalene	8.13	128	1452401	38.414	ng		100
32) Benzoic acid	7.90	122	303355	35.954	ng		98
33) 4-Chloroaniline	8.17	127	160880	9.816	ng		99
34) Hexachlorobutadiene	8.25	225	265583	39.351	ng		99
35) Caprolactam	8.55	113	138023m	37.963	ng		
36) 4-Chloro-3-methylphenol	8.67	107	458285	38.966	ng		99
37) 2-Methylnaphthalene	8.82	142	946433	38.197	ng		99
38) 1-Methylnaphthalene	8.92	142	883458	38.311	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	431700	37.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	476197	72.533	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	306708	39.141	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	320868	38.734	ng		97
46) 1,1'-Biphenyl	9.29	154	1122277	38.090	ng		97
47) 2-Chloronaphthalene	9.31	162	879845	37.895	ng		99
48) 2-Nitroaniline	9.40	65	293116	40.626	ng		99
49) Acenaphthylene	9.72	152	1360052	38.124	ng		99
50) Dimethylphthalate	9.59	163	1171870	43.932	ng		99
51) 2,6-Dinitrotoluene	9.65	165	239089	42.087	ng	#	89
52) Acenaphthene	9.90	154	926358m	41.113	ng		
53) 3-Nitroaniline	9.81	138	110776	16.833	ng		98
54) 2,4-Dinitrophenol	9.92	184	208092	65.375	ng		92
55) Dibenzofuran	10.07	168	1197215	37.730	ng		99
56) 4-Nitrophenol	9.99	139	385988	73.546	ng		90
57) 2,4-Dinitrotoluene	10.05	165	312285	43.695	ng		97
58) Fluorene	10.41	166	912798	37.617	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	264617	39.292	ng		98
60) Diethylphthalate	10.29	149	1009881	38.831	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	443766	38.176	ng		97
62) 4-Nitroaniline	10.43	138	208450	31.901	ng		98
63) Azobenzene	10.56	77	1040061	37.553	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	147890	37.828	ng		97
66) n-Nitrosodiphenylamine	10.52	169	875767	38.272	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	300074	39.515	ng		95
68) Hexachlorobenzene	10.96	284	332950	38.851	ng		96
69) Atrazine	11.05	200	211019	37.118	ng		99
70) Pentachlorophenol	11.15	266	337767	71.766	ng		99
71) Phenanthrene	11.37	178	1381583	38.018	ng		99
72) Anthracene	11.42	178	1403604	37.428	ng		100
73) Carbazole	11.57	167	1236130	36.527	ng		99
74) Di-n-butylphthalate	11.91	149	1506329	38.566	ng		99
75) Fluoranthene	12.56	202	1408149	36.299	ng		98
77) Benzidine	12.67	184	478647	35.321	ng		99
78) Pyrene	12.79	202	1385634	46.396	ng		100
80) Butylbenzylphthalate	13.40	149	583330	48.295	ng		96
81) Benzo(a)anthracene	13.97	228	1021633	39.506	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	219666	21.758	ng		98
83) Chrysene	14.01	228	1019624	38.937	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	734884	45.544	ng		99
85) Di-n-octyl phthalate	14.57	149	1190549	41.808	ng		99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1107152	49.461	ng		99
88) Benzo(b)fluoranthene	15.01	252	949718	41.332	ng		99
89) Benzo(k)fluoranthene	15.04	252	831835m	39.532	ng		
90) Benzo(a)pyrene	15.37	252	802298	41.076	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	891366	47.837	ng		99
92) Benzo(g,h,i)perylene	17.32	276	964683	52.669	ng		98

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

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