Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120743.D
Acq On : 29 Jun 2020 22:34
Operator : JU/CG
Sample : L2810-16MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 30 03:07:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Manual Integrations APPROVED
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6/30/2020 4:14:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	64611	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	254012	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	254541	20.00	ng		0.01
64) Phenanthrene-d10	11.32	188	274326	20.00	ng		0.01
76) Chrysene-d12	13.97	240	209926	20.00	ng		0.01
86) Perylene-d12	15.41	264	198924	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	516858	137.15	ng		0.09
7) Phenol-d6	6.51	99	568054	121.02	ng		0.08
23) Nitrobenzene-d5	7.37	82	466516	102.66	ng		0.02
42) 2,4,6-Tribromophenol	10.64	330	403904	136.48	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	961470	57.79	ng		0.00
79) Terphenyl-d14	12.91	244	1204868	126.78	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	142304	79.671	ng	#	85
3) Pyridine	3.39	79	348472	69.401	ng		97
4) n-Nitrosodimethylamine	3.32	42	178423	85.624	ng		100
6) Aniline	6.47	93	163696	27.251	ng		99
8) 2-Chlorophenol	6.62	128	224541	52.726	ng		97
9) Benzaldehyde	6.35	77	49723	16.748	ng		98
10) Phenol	6.52	94	215841	43.099	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	214984	51.538	ng		99
12) 1,3-Dichlorobenzene	6.74	146	240349	53.088	ng		96
13) 1,4-Dichlorobenzene	6.82	146	246698	55.228	ng		98
14) 1,2-Dichlorobenzene	6.97	146	225449	51.812	ng		98
15) Benzyl Alcohol	6.97	79	186175	55.931	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	271159	45.146	ng		99
17) 2-Methylphenol	7.10	107	174472	48.035	ng		96
18) Hexachloroethane	7.31	117	81236	49.354	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	157897	57.993	ng		98
20) 3+4-Methylphenols	7.26	107	230415	50.766	ng	#	62
22) Acetophenone	7.22	105	315033	55.474	ng	#	90
24) Nitrobenzene	7.39	77	238603	50.174	ng		99
25) Isophorone	7.63	82	421276	47.590	ng		99
26) 2-Nitrophenol	7.70	139	110357	43.865	ng		96
27) 2,4-Dimethylphenol	7.77	122	180676	48.775	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	265134	51.670	ng		99
29) 2,4-Dichlorophenol	7.97	162	195201	51.841	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	219086	52.503	ng		99
31) Naphthalene	8.10	128	669256	53.657	ng		99
32) Benzoic acid	7.92	122	77387	27.229	ng		92
33) 4-Chloroaniline	8.16	127	134299	23.458	ng		98
34) Hexachlorobutadiene	8.22	225	134182	55.165	ng		99
35) Caprolactam	8.55	113	44840m	37.234	ng		
36) 4-Chloro-3-methylphenol	8.68	107	206479	54.887	ng		92
37) 2-Methylnaphthalene	8.79	142	465220	57.136	ng		97
38) 1-Methylnaphthalene	8.89	142	436387	56.957	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	223135	29.358	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	113568	26.665	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	145744	27.033	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	144422	23.611	ng		97
46) 1,1'-Biphenyl	9.26	154	569323	29.954	ng		99
47) 2-Chloronaphthalene	9.29	162	443512	28.535	ng		97
48) 2-Nitroaniline	9.40	65	135900	27.840	ng		100
49) Acenaphthylene	9.70	152	1308515	54.551	ng		99
50) Dimethylphthalate	9.56	163	944644	51.529	ng		100
51) 2,6-Dinitrotoluene	9.63	165	205127	49.374	ng		99
52) Acenaphthene	9.87	154	703121	49.149	ng		98
53) 3-Nitroaniline	9.81	138	177346	35.540	ng		95
54) 2,4-Dinitrophenol	9.92	184	67034	29.514	ng		93
55) Dibenzofuran	10.05	168	1041341	47.473	ng		97
56) 4-Nitrophenol	10.03	139	286068m	76.117	ng		
57) 2,4-Dinitrotoluene	10.03	165	251366	45.596	ng	#	79
58) Fluorene	10.39	166	1009974	59.727	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	228385	47.460	ng		96
60) Diethylphthalate	10.26	149	909304	50.363	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	493464	56.509	ng		93
62) 4-Nitroaniline	10.43	138	284708	57.471	ng		96
63) Azobenzene	10.54	77	996655	60.812	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	91065	55.323	ng		95
66) n-Nitrosodiphenylamine	10.50	169	938425	111.395	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	276382	88.772	ng		95
68) Hexachlorobenzene	10.94	284	309411	92.434	ng	#	90
69) Atrazine	11.03	200	236795	90.834	ng		97
70) Pentachlorophenol	11.14	266	193926	104.205	ng		97
71) Phenanthrene	11.35	178	741684	54.389	ng		99
72) Anthracene	11.40	178	767975	55.871	ng		99
73) Carbazole	11.57	167	691817	50.844	ng		99
74) Di-n-butylphthalate	11.89	149	884852	57.844	ng		99
75) Fluoranthene	12.54	202	823306	52.806	ng		99
77) Benzidine	12.66	184	236215	33.272	ng		98
78) Pyrene	12.77	202	809124	54.408	ng		99
80) Butylbenzylphthalate	13.39	149	379123	57.412	ng		99
81) Benzo(a)anthracene	13.96	228	708075	56.142	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	226113	46.937	ng		99
83) Chrysene	14.00	228	686712	53.081	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	537365	66.678	ng		98
85) Di-n-octyl phthalate	14.55	149	892208	58.009	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	632875	52.303	ng		98
88) Benzo(b)fluoranthene	15.00	252	667902	56.366	ng		98
89) Benzo(k)fluoranthene	15.03	252	633735	60.441	ng		99
90) Benzo(a)pyrene	15.36	252	574868	54.208	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	535432	55.181	ng		98
92) Benzo(g,h,i)perylene	17.29	276	499858	51.108	ng		95

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

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