Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118515.D
Acq On : 10 Jan 2020 15:06
Operator : JU
Sample : PB126016BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126016BS

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:38 PM

Quant Time: Jan 11 03:05:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87358	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	283207	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	169755	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	307703	20.00	ng		0.00
76) Chrysene-d12	14.03	240	194003	20.00	ng		0.00
87) Perylene-d12	15.52	264	105099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	604034	114.14	ng		0.01
7) Phenol-d6	6.47	99	730789	115.50	ng		0.00
23) Nitrobenzene-d5	7.40	82	498855	92.53	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	241191	120.41	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1021248	86.28	ng		0.00
79) Terphenyl-d14	12.97	244	1199527	97.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	65428	37.085	ng		99
3) Pyridine	3.40	79	149446	31.468	ng		96
4) n-Nitrosodimethylamine	3.35	42	89098	37.439	ng		93
6) Aniline	6.49	93	246359	31.317	ng	#	51
8) 2-Chlorophenol	6.62	128	240695	41.599	ng		98
9) Benzaldehyde	6.38	77	123534	35.072	ng		98
10) Phenol	6.49	94	290071	41.375	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	208092	41.633	ng		97
12) 1,3-Dichlorobenzene	6.77	146	267418	39.536	ng		96
13) 1,4-Dichlorobenzene	6.85	146	281784	40.830	ng		98
14) 1,2-Dichlorobenzene	7.00	146	271050	40.642	ng		98
15) Benzyl Alcohol	6.98	79	218173	42.511	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	218796	39.461	ng		75
17) 2-Methylphenol	7.09	107	202658	42.619	ng		98
18) Hexachloroethane	7.34	117	103008	39.391	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	164455	40.357	ng		99
20) 3+4-Methylphenols	7.25	107	264156	40.953	ng	#	75
22) Acetophenone	7.25	105	341277	47.540	ng		99
24) Nitrobenzene	7.42	77	259478	48.404	ng		98
25) Isophorone	7.66	82	425215	49.233	ng		99
26) 2-Nitrophenol	7.74	139	132991	50.246	ng		93
27) 2,4-Dimethylphenol	7.77	122	211921	59.538	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	288720	50.847	ng		99
29) 2,4-Dichlorophenol	7.99	162	224927	54.121	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	253289	52.473	ng		99
31) Naphthalene	8.14	128	601224	40.585	ng		99
32) Benzoic acid	7.93	122	131380	52.841	ng		98
33) 4-Chloroaniline	8.19	127	129706	21.268	ng		97
34) Hexachlorobutadiene	8.25	225	116740	39.400	ng		97
35) Caprolactam	8.57	113	60550m	48.366	ng		
36) 4-Chloro-3-methylphenol	8.69	107	218917	48.997	ng		96
37) 2-Methylnaphthalene	8.83	142	542103	53.319	ng		98
38) 1-Methylnaphthalene	8.93	142	504523	52.853	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	194027	37.200	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	92997	67.794	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	148484	46.069	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	149147	44.718	ng		93
46) 1,1'-Biphenyl	9.30	154	611579	44.093	ng		98
47) 2-Chloronaphthalene	9.33	162	489347	44.575	ng		97
48) 2-Nitroaniline	9.43	65	137379	43.305	ng		95
49) Acenaphthylene	9.75	152	632753	38.721	ng		100
50) Dimethylphthalate	9.60	163	589167	45.220	ng		100
51) 2,6-Dinitrotoluene	9.67	165	125804	44.838	ng	#	85
52) Acenaphthene	9.92	154	382737	38.354	ng		98
53) 3-Nitroaniline	9.85	138	79654	24.236	ng		94
54) 2,4-Dinitrophenol	9.96	184	83820	69.193	ng		100
55) Dibenzofuran	10.09	168	593737	39.614	ng		100
56) 4-Nitrophenol	10.03	139	125869	78.875	ng		98
57) 2,4-Dinitrotoluene	10.09	165	145698	38.782	ng		95
58) Fluorene	10.43	166	544116	45.165	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	117832	41.776	ng		98
60) Diethylphthalate	10.30	149	563473	42.484	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	272031	45.192	ng		96
62) 4-Nitroaniline	10.47	138	112908	35.085	ng		96
63) Azobenzene	10.59	77	509625	45.216	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	80063	49.220	ng		86
66) n-Nitrosodiphenylamine	10.55	169	484473	48.348	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	146614	40.680	ng		94
68) Hexachlorobenzene	10.99	284	174772	40.608	ng	#	93
69) Atrazine	11.07	200	156804	52.663	ng		99
70) Pentachlorophenol	11.19	266	131229	92.424	ng		96
71) Phenanthrene	11.40	178	663407	38.487	ng		100
72) Anthracene	11.46	178	697141	40.654	ng		99
73) Carbazole	11.61	167	622279	41.891	ng		99
74) Di-n-butylphthalate	11.93	149	931550	47.006	ng		99
75) Fluoranthene	12.60	202	741155	42.304	ng		99
77) Benzidine	12.72	184	166328	35.313	ng		97
78) Pyrene	12.83	202	775767	48.602	ng		100
80) Butylbenzylphthalate	13.44	149	339262	46.411	ng		94
81) Benzo(a)anthracene	14.02	228	525923	38.730	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	127253	28.818	ng		99
83) Chrysene	14.06	228	516289	39.126	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	408332	41.141	ng		99
85) Di-n-octyl phthalate	14.61	149	702365	49.336	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	493739	46.476	ng		99
88) Benzo(b)fluoranthene	15.09	252	475526	62.582	ng		99
89) Benzo(k)fluoranthene	15.12	252	461593	63.643	ng		98
90) Benzo(a)pyrene	15.46	252	278943	44.796	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	410816	70.359	ng		99
92) Benzo(g,h,i)perylene	17.48	276	415612	75.124	ng		98

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

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