Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121648.D
Acq On : 22 Sep 2020 19:20
Operator : JU/CG
Sample : PB131810BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131810BS

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:19 AM

Quant Time: Sep 23 01:17:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154914	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	607803	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	323620	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	617771	20.00	ng		0.00
76) Chrysene-d12	13.98	240	477653	20.00	ng		0.00
86) Perylene-d12	15.43	264	403685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1175579	112.78	ng		0.02
7) Phenol-d6	6.46	99	1563240	114.31	ng		0.00
23) Nitrobenzene-d5	7.38	82	1080158	95.42	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	565701	140.65	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1930653	90.35	ng		0.00
79) Terphenyl-d14	12.93	244	2165378	91.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	139704	29.172	ng		99
3) Pyridine	3.37	79	444294	33.559	ng		99
4) n-Nitrosodimethylamine	3.33	42	238733	38.876	ng		99
6) Aniline	6.47	93	580438	32.588	ng	#	87
8) 2-Chlorophenol	6.60	128	469935	44.279	ng		98
9) Benzaldehyde	6.36	77	170965	19.123	ng		97
10) Phenol	6.47	94	575675	39.530	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	455703	41.518	ng		100
12) 1,3-Dichlorobenzene	6.75	146	470687	39.734	ng		97
13) 1,4-Dichlorobenzene	6.83	146	481934	40.517	ng		97
14) 1,2-Dichlorobenzene	6.98	146	460562	42.032	ng		99
15) Benzyl Alcohol	6.96	79	417652	44.932	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	695234	39.362	ng		97
17) 2-Methylphenol	7.07	107	400934	44.399	ng		99
18) Hexachloroethane	7.32	117	175197	41.136	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	330905	41.984	ng		99
20) 3+4-Methylphenols	7.23	107	469695	43.291	ng	#	88
22) Acetophenone	7.22	105	617718	40.057	ng	#	99
24) Nitrobenzene	7.40	77	509284	41.596	ng		98
25) Isophorone	7.64	82	944929	41.467	ng		99
26) 2-Nitrophenol	7.71	139	249894	43.603	ng		94
27) 2,4-Dimethylphenol	7.76	122	429509	42.225	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	586862	41.600	ng		99
29) 2,4-Dichlorophenol	7.96	162	406319	43.857	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	399427	40.936	ng		97
31) Naphthalene	8.12	128	1307644	40.756	ng		100
32) Benzoic acid	7.90	122	294536	40.137	ng		96
33) 4-Chloroaniline	8.17	127	455261	32.734	ng		97
34) Hexachlorobutadiene	8.23	225	242018	42.257	ng		99
35) Caprolactam	8.55	113	127514m	41.330	ng		
36) 4-Chloro-3-methylphenol	8.66	107	455388	45.628	ng		97
37) 2-Methylnaphthalene	8.81	142	879352	41.821	ng		99
38) 1-Methylnaphthalene	8.91	142	827332	42.278	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	417396	41.290	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	467202	80.930	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	300635	43.631	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	323214	44.372	ng	96
46) 1,1'-Biphenyl	9.27	154	1078648	41.634	ng	100
47) 2-Chloronaphthalene	9.30	162	846854	41.480	ng	99
48) 2-Nitroaniline	9.40	65	302074	47.613	ng	96
49) Acenaphthylene	9.72	152	1343765	42.838	ng	99
50) Dimethylphthalate	9.58	163	1055483	44.999	ng	99
51) 2,6-Dinitrotoluene	9.65	165	238529	47.751	ng	91
52) Acenaphthene	9.89	154	793801	40.065	ng	100
53) 3-Nitroaniline	9.81	138	194131	33.548	ng	97
54) 2,4-Dinitrophenol	9.92	184	286002	97.089	ng	95
55) Dibenzofuran	10.06	168	1187112	42.546	ng	99
56) 4-Nitrophenol	9.99	139	389179	84.332	ng	96
57) 2,4-Dinitrotoluene	10.05	165	315893	50.267	ng	98
58) Fluorene	10.40	166	927026	43.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	279016	47.117	ng	99
60) Diethylphthalate	10.28	149	1024888	44.816	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	456382	44.650	ng	99
62) 4-Nitroaniline	10.43	138	258102	44.922	ng	100
63) Azobenzene	10.56	77	1031331	42.349	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	188962	49.583	ng	81
66) n-Nitrosodiphenylamine	10.52	169	910384	42.954	ng	97
67) 4-Bromophenyl-phenylether	10.89	248	312588	44.442	ng	98
68) Hexachlorobenzene	10.95	284	355494	44.786	ng	100
69) Atrazine	11.05	200	224774	42.687	ng	99
70) Pentachlorophenol	11.15	266	381647	87.549	ng	98
71) Phenanthrene	11.37	178	1422482	42.262	ng	100
72) Anthracene	11.42	178	1476558	42.510	ng	100
73) Carbazole	11.57	167	1340214	42.758	ng	100
74) Di-n-butylphthalate	11.90	149	1528984	42.264	ng	99
75) Fluoranthene	12.55	202	1555809	43.301	ng	98
77) Benzidine	12.67	184	790344	49.911	ng	100
78) Pyrene	12.78	202	1586249	45.453	ng	100
80) Butylbenzylphthalate	13.40	149	642173	45.498	ng	100
81) Benzo(a)anthracene	13.97	228	1335657	44.200	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	366680	31.081	ng	100
83) Chrysene	14.01	228	1328194	43.404	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	798914	42.370	ng	100
85) Di-n-octyl phthalate	14.57	149	1367501	41.096	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1114717	42.402	ng	99
88) Benzo(b)fluoranthene	15.01	252	1223446	45.335	ng	99
89) Benzo(k)fluoranthene	15.04	252	1193030	48.276	ng	100
90) Benzo(a)pyrene	15.37	252	1068233	46.567	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	920697	42.072	ng	98
92) Benzo(g,h,i)perylene	17.31	276	922945	42.905	ng	99

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

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