Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121669.D
Acq On : 23 Sep 2020 16:00
Operator : JU/CG
Sample : PB131842BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131842BS

Manual Integrations APPROVED
mohammad
9/24/2020 10:46:33 AM

Quant Time: Sep 23 16:30:32 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	150326	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	568737	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	288775	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	524989	20.00	ng		0.00
76) Chrysene-d12	13.98	240	427038	20.00	ng		0.00
86) Perylene-d12	15.43	264	391704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1201678	118.80	ng		0.02
7) Phenol-d6	6.46	99	1540728	116.10	ng		0.00
23) Nitrobenzene-d5	7.38	82	1054330	99.53	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	474633	132.24	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1754136	92.00	ng		0.00
79) Terphenyl-d14	12.92	244	1834872	87.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	171245	36.850	ng		99
3) Pyridine	3.39	79	522448	40.667	ng		98
4) n-Nitrosodimethylamine	3.36	42	266277	44.684	ng		99
6) Aniline	6.47	93	602150	34.839	ng	#	81
8) 2-Chlorophenol	6.60	128	495089	48.072	ng		98
9) Benzaldehyde	6.36	77	174728	20.141	ng		98
10) Phenol	6.47	94	590976	41.819	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	482243	45.277	ng		99
12) 1,3-Dichlorobenzene	6.75	146	515170	44.816	ng		97
13) 1,4-Dichlorobenzene	6.83	146	519471	45.006	ng		98
14) 1,2-Dichlorobenzene	6.98	146	498556	46.888	ng		100
15) Benzyl Alcohol	6.96	79	430709	47.751	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	721764	42.112	ng		96
17) 2-Methylphenol	7.07	107	399706	45.614	ng		98
18) Hexachloroethane	7.32	117	191618	46.365	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	333397	43.591	ng		99
20) 3+4-Methylphenols	7.23	107	468175	44.468	ng		90
22) Acetophenone	7.22	105	638432	44.244	ng	#	99
24) Nitrobenzene	7.40	77	521638	45.532	ng		98
25) Isophorone	7.64	82	921056	43.195	ng		98
26) 2-Nitrophenol	7.71	139	251830	46.762	ng		95
27) 2,4-Dimethylphenol	7.75	122	418440	43.962	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	576575	43.678	ng		99
29) 2,4-Dichlorophenol	7.96	162	397430	45.844	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	415483	45.506	ng		99
31) Naphthalene	8.12	128	1346004	44.833	ng		100
32) Benzoic acid	7.90	122	243043	36.215	ng		97
33) 4-Chloroaniline	8.17	127	434632	33.397	ng		97
34) Hexachlorobutadiene	8.23	225	249333	46.525	ng		98
35) Caprolactam	8.55	113	133426m	46.217	ng		
36) 4-Chloro-3-methylphenol	8.66	107	429680	46.010	ng		96
37) 2-Methylnaphthalene	8.81	142	871374	44.288	ng		100
38) 1-Methylnaphthalene	8.91	142	805732	44.002	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	409133	45.356	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	417852	81.116	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	279162	45.404	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	298256	45.886	ng		95
46) 1,1'-Biphenyl	9.27	154	1028256	44.478	ng		100
47) 2-Chloronaphthalene	9.30	162	814755	44.723	ng		100
48) 2-Nitroaniline	9.40	65	280920	49.622	ng		96
49) Acenaphthylene	9.72	152	1256597	44.893	ng		100
50) Dimethylphthalate	9.58	163	955134	45.635	ng		99
51) 2,6-Dinitrotoluene	9.64	165	219474	49.238	ng		99
52) Acenaphthene	9.89	154	740880	41.906	ng		99
53) 3-Nitroaniline	9.81	138	179868	34.834	ng		99
54) 2,4-Dinitrophenol	9.92	184	220113	84.982	ng		98
55) Dibenzofuran	10.06	168	1097260	44.071	ng		100
56) 4-Nitrophenol	9.99	139	354011	85.967	ng		92
57) 2,4-Dinitrotoluene	10.05	165	291382	51.961	ng		94
58) Fluorene	10.40	166	857417	45.033	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246073	46.568	ng		99
60) Diethylphthalate	10.28	149	919798	45.074	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	414104	45.403	ng		97
62) 4-Nitroaniline	10.43	138	242081	47.217	ng		96
63) Azobenzene	10.55	77	939169	43.218	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	155104	48.125	ng		93
66) n-Nitrosodiphenylamine	10.52	169	817726	45.401	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	280109	46.863	ng		95
68) Hexachlorobenzene	10.95	284	320335	47.489	ng		97
69) Atrazine	11.04	200	202490	45.252	ng		98
70) Pentachlorophenol	11.15	266	313762	84.697	ng		99
71) Phenanthrene	11.36	178	1302939	45.552	ng		99
72) Anthracene	11.42	178	1336667	45.284	ng		100
73) Carbazole	11.57	167	1232574	46.273	ng		100
74) Di-n-butylphthalate	11.90	149	1348298	43.857	ng		100
75) Fluoranthene	12.55	202	1407157	46.085	ng		100
77) Benzidine	12.67	184	745086	52.630	ng		100
78) Pyrene	12.78	202	1438920	46.118	ng		100
80) Butylbenzylphthalate	13.40	149	573619	45.458	ng		97
81) Benzo(a)anthracene	13.97	228	1260190	46.645	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	355585	33.713	ng	#	98
83) Chrysene	14.00	228	1256592	45.932	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	728525	43.217	ng		99
85) Di-n-octyl phthalate	14.57	149	1278758	42.984	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1191101	46.693	ng		100
88) Benzo(b)fluoranthene	15.01	252	1230254	46.982	ng		99
89) Benzo(k)fluoranthene	15.04	252	1220809	50.911	ng		98
90) Benzo(a)pyrene	15.37	252	1093262	49.116	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	974356	45.886	ng		99
92) Benzo(g,h,i)perylene	17.31	276	971116	46.525	ng		99

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

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