Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121600.D
Acq On : 17 Sep 2020 16:23
Operator : JU/CG
Sample : PB131684BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131684BS

Manual Integrations APPROVED
mohammad
9/21/2020 10:32:18 AM

Quant Time: Sep 17 18:25:40 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	170294	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	681662	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	361016	20.00	ng		-0.01
64) Phenanthrene-d10	11.35	188	684992	20.00	ng		0.00
76) Chrysene-d12	13.98	240	567041	20.00	ng		-0.01
86) Perylene-d12	15.43	264	547245	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1035695	90.38	ng		0.01
7) Phenol-d6	6.46	99	1369957	91.13	ng		0.00
23) Nitrobenzene-d5	7.39	82	1173805	92.46	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	431466	96.16	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2051820	86.08	ng		-0.01
79) Terphenyl-d14	12.93	244	1921941	68.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	190424	36.172	ng		99
3) Pyridine	3.43	79	451031	30.991	ng		98
4) n-Nitrosodimethylamine	3.38	42	240776	35.667	ng		98
6) Aniline	6.49	93	498151	25.442	ng		96
8) 2-Chlorophenol	6.61	128	434575	37.249	ng		99
9) Benzaldehyde	6.37	77	260496	26.506	ng		99
10) Phenol	6.47	94	556846	34.784	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	439981	36.466	ng		97
12) 1,3-Dichlorobenzene	6.76	146	471498	36.208	ng		99
13) 1,4-Dichlorobenzene	6.84	146	484738	37.072	ng		99
14) 1,2-Dichlorobenzene	6.99	146	432752	35.927	ng		99
15) Benzyl Alcohol	6.97	79	377313	36.926	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	701049	36.107	ng		96
17) 2-Methylphenol	7.08	107	375329	37.809	ng		96
18) Hexachloroethane	7.33	117	178289	38.081	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	318706	36.784	ng		99
20) 3+4-Methylphenols	7.23	107	438279	36.747	ng	#	86
22) Acetophenone	7.23	105	602771	34.852	ng		94
24) Nitrobenzene	7.40	77	482027	35.104	ng		99
25) Isophorone	7.65	82	897453	35.116	ng		99
26) 2-Nitrophenol	7.72	139	235263	37.013	ng		95
27) 2,4-Dimethylphenol	7.76	122	396791	34.782	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	552882	34.945	ng		99
29) 2,4-Dichlorophenol	7.97	162	373277	35.925	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	393024	35.915	ng		98
31) Naphthalene	8.13	128	1272470	35.362	ng		99
32) Benzoic acid	7.89	122	282815	35.362	ng		97
33) 4-Chloroaniline	8.17	127	364605	23.375	ng		99
34) Hexachlorobutadiene	8.25	225	228786	35.618	ng		99
35) Caprolactam	8.55	113	120395m	34.794	ng		
36) 4-Chloro-3-methylphenol	8.66	107	403953	36.089	ng		100
37) 2-Methylnaphthalene	8.82	142	849860	36.039	ng		100
38) 1-Methylnaphthalene	8.92	142	797846	36.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	386862	34.305	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	477177	74.096	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	275572	35.851	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	292648	36.014	ng	#	95
46) 1,1'-Biphenyl	9.28	154	1010229	34.954	ng		99
47) 2-Chloronaphthalene	9.30	162	782038	34.337	ng		99
48) 2-Nitroaniline	9.40	65	271311	38.335	ng		93
49) Acenaphthylene	9.72	152	1253056	35.808	ng		100
50) Dimethylphthalate	9.59	163	929081	35.507	ng		99
51) 2,6-Dinitrotoluene	9.65	165	211031	37.870	ng		98
52) Acenaphthene	9.89	154	848943m	38.410	ng		
53) 3-Nitroaniline	9.81	138	158546	24.560	ng		97
54) 2,4-Dinitrophenol	9.92	184	214392	68.209	ng		95
55) Dibenzofuran	10.06	168	1083213	34.801	ng		98
56) 4-Nitrophenol	9.99	139	352892	68.547	ng		97
57) 2,4-Dinitrotoluene	10.05	165	282914	40.356	ng		96
58) Fluorene	10.41	166	822524	34.556	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247990	37.539	ng		98
60) Diethylphthalate	10.28	149	917255	35.955	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	405248	35.541	ng		98
62) 4-Nitroaniline	10.43	138	220460	34.396	ng		99
63) Azobenzene	10.56	77	944934	34.782	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	151296	37.708	ng		89
66) n-Nitrosodiphenylamine	10.52	169	801709	34.115	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	276422	35.444	ng		98
68) Hexachlorobenzene	10.96	284	304987	34.652	ng	#	91
69) Atrazine	11.05	200	232234	39.776	ng		99
70) Pentachlorophenol	11.15	266	341355	70.622	ng		99
71) Phenanthrene	11.37	178	1262133	33.818	ng		99
72) Anthracene	11.42	178	1307889	33.959	ng		99
73) Carbazole	11.57	167	1166902	33.575	ng		99
74) Di-n-butylphthalate	11.90	149	1405252	35.032	ng		100
75) Fluoranthene	12.56	202	1362210	34.192	ng		97
77) Benzidine	12.67	184	714262	37.996	ng		100
78) Pyrene	12.79	202	1396568	33.709	ng		99
80) Butylbenzylphthalate	13.40	149	614366	36.666	ng		93
81) Benzo(a)anthracene	13.97	228	1226418	34.187	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	364775	26.046	ng		99
83) Chrysene	14.01	228	1222224	33.645	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	791944	35.380	ng		99
85) Di-n-octyl phthalate	14.57	149	1453292	36.789	ng		99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1274709	35.768	ng		99
88) Benzo(b)fluoranthene	15.01	252	1324505	36.205	ng		99
89) Benzo(k)fluoranthene	15.04	252	1114748m	33.275	ng		
90) Benzo(a)pyrene	15.37	252	1098621	35.328	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	1052945	35.493	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1041208	35.705	ng		98

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

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