Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121591.D
Acq On : 16 Sep 2020 11:46
Operator : JU/CG
Sample : PB131616BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131616BS

Manual Integrations APPROVED
mohammad
9/18/2020 11:28:09 AM

Quant Time: Sep 16 13:01:55 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	197289	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	797108	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	432129	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	811066	20.00	ng		0.00
76) Chrysene-d12	13.99	240	657129	20.00	ng		0.00
86) Perylene-d12	15.43	264	555005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1216865	91.66	ng		0.02
7) Phenol-d6	6.47	99	1604238	92.11	ng		0.00
23) Nitrobenzene-d5	7.39	82	1388494	93.53	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	520971	97.00	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2416111	84.68	ng		0.00
79) Terphenyl-d14	12.93	244	2278075	70.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	212104	34.777	ng		99
3) Pyridine	3.43	79	506270	30.027	ng		97
4) n-Nitrosodimethylamine	3.39	42	281215	35.958	ng		100
6) Aniline	6.49	93	561293	24.745	ng	#	78
8) 2-Chlorophenol	6.62	128	515243	38.120	ng		97
9) Benzaldehyde	6.37	77	301459	26.477	ng		98
10) Phenol	6.48	94	647198	34.896	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	569207	40.721	ng		99
12) 1,3-Dichlorobenzene	6.76	146	554011	36.723	ng		98
13) 1,4-Dichlorobenzene	6.84	146	558408	36.863	ng		99
14) 1,2-Dichlorobenzene	7.00	146	506561	36.301	ng		99
15) Benzyl Alcohol	6.97	79	454374	38.383	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840582	37.370	ng		93
17) 2-Methylphenol	7.09	107	442596	38.485	ng		95
18) Hexachloroethane	7.33	117	209753	38.672	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	380860	37.943	ng		98
20) 3+4-Methylphenols	7.24	107	516866	37.406	ng		96
22) Acetophenone	7.23	105	714812	35.345	ng		94
24) Nitrobenzene	7.41	77	575370	35.833	ng		97
25) Isophorone	7.65	82	1071093	35.840	ng		98
26) 2-Nitrophenol	7.72	139	279849	37.607	ng		92
27) 2,4-Dimethylphenol	7.76	122	473942	35.528	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	677171	36.602	ng		99
29) 2,4-Dichlorophenol	7.97	162	444573	36.590	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	466089	36.423	ng		99
31) Naphthalene	8.13	128	1515084	36.006	ng		99
32) Benzoic acid	7.90	122	338657	36.045	ng		98
33) 4-Chloroaniline	8.17	127	460659	25.256	ng		97
34) Hexachlorobutadiene	8.25	225	279135	37.163	ng		99
35) Caprolactam	8.56	113	144694m	35.760	ng		
36) 4-Chloro-3-methylphenol	8.67	107	480786	36.732	ng		100
37) 2-Methylnaphthalene	8.82	142	1014089	36.775	ng		99
38) 1-Methylnaphthalene	8.92	142	960151	37.413	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	462402	34.256	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	515638	66.892	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	329896	35.856	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	350795	36.066	ng		96
46) 1,1'-Biphenyl	9.29	154	1212204	35.040	ng		99
47) 2-Chloronaphthalene	9.31	162	931762	34.179	ng		100
48) 2-Nitroaniline	9.40	65	321863	37.993	ng		98
49) Acenaphthylene	9.73	152	1485448	35.464	ng		100
50) Dimethylphthalate	9.59	163	1143211	36.501	ng		99
51) 2,6-Dinitrotoluene	9.65	165	250478	37.552	ng	#	85
52) Acenaphthene	9.90	154	1016011m	38.404	ng		
53) 3-Nitroaniline	9.82	138	184310	23.853	ng		94
54) 2,4-Dinitrophenol	9.93	184	274203	72.261	ng		99
55) Dibenzofuran	10.07	168	1305888	35.051	ng		100
56) 4-Nitrophenol	9.99	139	418878	67.975	ng		99
57) 2,4-Dinitrotoluene	10.05	165	333467	39.739	ng		96
58) Fluorene	10.41	166	977639	34.313	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	295809	37.409	ng		97
60) Diethylphthalate	10.29	149	1116476	36.562	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	485638	35.582	ng		96
62) 4-Nitroaniline	10.43	138	254908	33.225	ng		99
63) Azobenzene	10.56	77	1122518	34.519	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	187577	39.161	ng		90
66) n-Nitrosodiphenylamine	10.52	169	962191	34.579	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	333428	36.107	ng		97
68) Hexachlorobenzene	10.96	284	369624	35.468	ng		99
69) Atrazine	11.05	200	279984	40.500	ng		98
70) Pentachlorophenol	11.16	266	406501	71.027	ng		99
71) Phenanthrene	11.37	178	1499611	33.935	ng		100
72) Anthracene	11.42	178	1540020	33.771	ng		100
73) Carbazole	11.58	167	1379617	33.525	ng		99
74) Di-n-butylphthalate	11.91	149	1720886	36.232	ng		99
75) Fluoranthene	12.56	202	1612712	34.187	ng		99
77) Benzidine	12.68	184	626020	28.736	ng		99
78) Pyrene	12.79	202	1640627	34.171	ng		100
80) Butylbenzylphthalate	13.40	149	754608	38.862	ng		98
81) Benzo(a)anthracene	13.97	228	1427961	34.348	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	438634	27.026	ng		98
83) Chrysene	14.02	228	1417981	33.683	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	984667	37.959	ng		99
85) Di-n-octyl phthalate	14.57	149	1775525	38.784	ng		100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1429227	39.543	ng		100
88) Benzo(b)fluoranthene	15.02	252	1548213	41.728	ng		99
89) Benzo(k)fluoranthene	15.05	252	1245953m	36.671	ng		
90) Benzo(a)pyrene	15.38	252	1257287	39.865	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1190239	39.560	ng		98
92) Benzo(g,h,i)perylene	17.32	276	1175918	39.761	ng		97

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

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