Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120832.D
Acq On : 10 Jul 2020 15:31
Operator : JU/CG
Sample : PB130117BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130117BSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:43 PM

Quant Time: Jul 10 17:06:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160659	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607311	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298530	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	523201	20.00	ng	0.00
76) Chrysene-d12	14.01	240	368375	20.00	ng	0.00
86) Perylene-d12	15.47	264	305630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1448701	139.19	ng	0.01
7) Phenol-d6	6.48	99	1743665	131.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1125110	107.34	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	447792	149.31	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1837677	93.13	ng	0.00
79) Terphenyl-d14	12.96	244	1890308	100.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	194389	40.888	ng	99
3) Pyridine	3.40	79	539276	41.412	ng	99
4) n-Nitrosodimethylamine	3.35	42	286444	43.970	ng	98
6) Aniline	6.51	93	657183	38.500	ng	99
8) 2-Chlorophenol	6.63	128	515902	46.558	ng	97
9) Benzaldehyde	6.39	77	163722	20.712	ng	98
10) Phenol	6.49	94	604684m	44.226	ng	
11) bis(2-Chloroethyl)ether	6.59	93	500177	44.956	ng	98
12) 1,3-Dichlorobenzene	6.79	146	540934	44.351	ng	98
13) 1,4-Dichlorobenzene	6.87	146	546936	44.772	ng	99
14) 1,2-Dichlorobenzene	7.02	146	506433	43.574	ng	99
15) Benzyl Alcohol	6.99	79	418097	41.868	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	731013	42.124	ng	99
17) 2-Methylphenol	7.10	107	415380	41.904	ng	98
18) Hexachloroethane	7.36	117	209216	45.567	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	345222	43.138	ng	94
20) 3+4-Methylphenols	7.25	107	488535	40.014	ng	95
22) Acetophenone	7.26	105	662542	43.890	ng	99
24) Nitrobenzene	7.43	77	541635	46.021	ng	96
25) Isophorone	7.67	82	972583	43.024	ng	97
26) 2-Nitrophenol	7.75	139	249375	50.202	ng	93
27) 2,4-Dimethylphenol	7.78	122	430027	47.654	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	619765	46.324	ng	99
29) 2,4-Dichlorophenol	7.99	162	409855	45.496	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	459835	45.446	ng	98
31) Naphthalene	8.16	128	1431315	44.100	ng	100
32) Benzoic acid	7.90	122	278953	44.095	ng	100
33) 4-Chloroaniline	8.20	127	337057	24.473	ng	97
34) Hexachlorobutadiene	8.27	225	270990	44.531	ng	99
35) Caprolactam	8.57	113	117048m	44.590	ng	
36) 4-Chloro-3-methylphenol	8.68	107	421370	44.966	ng	94
37) 2-Methylnaphthalene	8.85	142	944084	44.746	ng	99
38) 1-Methylnaphthalene	8.95	142	900353	45.557	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	398710	44.191	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	505709	94.867	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	285254	46.399	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	302175	44.289	ng		97
46) 1,1'-Biphenyl	9.31	154	1094149	45.437	ng		99
47) 2-Chloronaphthalene	9.33	162	870187	45.107	ng		99
48) 2-Nitroaniline	9.43	65	272059	47.147	ng		96
49) Acenaphthylene	9.75	152	1350977	44.667	ng		100
50) Dimethylphthalate	9.61	163	979178	44.964	ng		100
51) 2,6-Dinitrotoluene	9.67	165	212655	49.081	ng		93
52) Acenaphthene	9.92	154	915782	48.807	ng		99
53) 3-Nitroaniline	9.83	138	151662	29.447	ng		99
54) 2,4-Dinitrophenol	9.94	184	182326	103.853	ng		93
55) Dibenzofuran	10.09	168	1215833	44.953	ng		100
56) 4-Nitrophenol	10.00	139	376622	93.929	ng		91
57) 2,4-Dinitrotoluene	10.07	165	280943	51.849	ng	#	83
58) Fluorene	10.44	166	879196	43.673	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	252311m	49.695	ng		
60) Diethylphthalate	10.31	149	1006121	44.351	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	430589	42.547	ng		98
62) 4-Nitroaniline	10.46	138	228342	49.350	ng		91
63) Azobenzene	10.59	77	1014964	43.737	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	122039	54.378	ng	#	74
66) n-Nitrosodiphenylamine	10.55	169	830014	47.331	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	279521	46.056	ng		97
68) Hexachlorobenzene	10.98	284	307597	48.298	ng		95
69) Atrazine	11.07	200	232556	51.476	ng		98
70) Pentachlorophenol	11.17	266	352794	97.910	ng		99
71) Phenanthrene	11.40	178	1292835	45.541	ng		100
72) Anthracene	11.45	178	1327395	46.272	ng		100
73) Carbazole	11.60	167	1222298	44.339	ng		100
74) Di-n-butylphthalate	11.94	149	1507563	44.172	ng		100
75) Fluoranthene	12.58	202	1362431	45.052	ng		99
77) Benzidine	12.70	184	614063	59.058	ng		99
78) Pyrene	12.81	202	1375819	46.764	ng		100
80) Butylbenzylphthalate	13.43	149	574845	45.257	ng		99
81) Benzo(a)anthracene	14.00	228	1046807	44.331	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	258826	32.480	ng		98
83) Chrysene	14.04	228	1097276	45.556	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	729693	43.808	ng	#	98
85) Di-n-octyl phthalate	14.61	149	1264309	42.906	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	972841	49.626	ng		100
88) Benzo(b)fluoranthene	15.04	252	934196	46.494	ng		99
89) Benzo(k)fluoranthene	15.07	252	998653	51.078	ng		99
90) Benzo(a)pyrene	15.41	252	856314	47.775	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	831818	50.910	ng		99
92) Benzo(g,h,i)perylene	17.36	276	754396	50.520	ng		99

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

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