Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120162.D
Acq On : 23 Apr 2020 14:43
Operator : MA/SJ
Sample : PB128439BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128439BS

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:02 PM

Quant Time: Apr 23 15:17:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	137143	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	550784	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	291638	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	559832	20.00	ng		0.00
76) Chrysene-d12	13.83	240	404009	20.00	ng		0.00
87) Perylene-d12	15.23	264	370356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1049944	132.31	ng		0.01
7) Phenol-d6	6.31	99	1342292	131.27	ng		0.00
23) Nitrobenzene-d5	7.23	82	839457	78.85	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	377106	105.61	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1676900	81.64	ng		0.00
79) Terphenyl-d14	12.77	244	1857602	77.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	139460	39.456	ng		98
3) Pyridine	3.02	79	374052	38.572	ng		94
4) n-Nitrosodimethylamine	2.98	42	218425	44.083	ng		100
6) Aniline	6.33	93	491129	36.594	ng	#	56
8) 2-Chlorophenol	6.45	128	425597	47.999	ng		97
9) Benzaldehyde	6.21	77	167684	26.157	ng		97
10) Phenol	6.32	94	538802	46.445	ng	#	70
11) bis(2-Chloroethyl)ether	6.40	93	402153	44.897	ng		99
12) 1,3-Dichlorobenzene	6.60	146	430430	44.341	ng		98
13) 1,4-Dichlorobenzene	6.68	146	432437	43.732	ng		99
14) 1,2-Dichlorobenzene	6.83	146	410679	45.065	ng		100
15) Benzyl Alcohol	6.82	79	349652	44.025	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	708576	40.653	ng		95
17) 2-Methylphenol	6.93	107	349186	44.129	ng		95
18) Hexachloroethane	7.17	117	168089	45.484	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	298727	45.430	ng		99
20) 3+4-Methylphenols	7.09	107	446452	46.132	ng		93
22) Acetophenone	7.08	105	589343	45.694	ng	#	92
24) Nitrobenzene	7.25	77	451272	42.135	ng		99
25) Isophorone	7.49	82	851847	41.506	ng		98
26) 2-Nitrophenol	7.57	139	236581	44.215	ng		91
27) 2,4-Dimethylphenol	7.62	122	371081	45.983	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	528739	43.781	ng		99
29) 2,4-Dichlorophenol	7.81	162	363229	43.911	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	384295	41.002	ng		98
31) Naphthalene	7.97	128	1245834	42.992	ng		98
32) Benzoic acid	7.76	122	281393	39.703	ng		99
33) 4-Chloroaniline	8.02	127	258644	20.502	ng		99
34) Hexachlorobutadiene	8.09	225	222426	39.644	ng		99
35) Caprolactam	8.40	113	113202m	44.738	ng		
36) 4-Chloro-3-methylphenol	8.52	107	399531	44.612	ng		97
37) 2-Methylnaphthalene	8.66	142	851646	43.349	ng		99
38) 1-Methylnaphthalene	8.76	142	804451	43.442	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	376022	40.822	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	406428	77.595 ng	99
43) 2,4,6-Trichlorophenol	8.95	196	265026	41.666 ng	99
44) 2,4,5-Trichlorophenol	8.99	196	279150	38.965 ng	94
46) 1,1'-Biphenyl	9.13	154	1046245	42.503 ng	99
47) 2-Chloronaphthalene	9.15	162	806979	42.556 ng	100
48) 2-Nitroaniline	9.25	65	283611	41.271 ng	99
49) Acenaphthylene	9.57	152	1257714	43.612 ng	97
50) Dimethylphthalate	9.44	163	942925	41.800 ng	100
51) 2,6-Dinitrotoluene	9.50	165	211483	42.812 ng	94
52) Acenaphthene	9.74	154	753992	39.194 ng	99
53) 3-Nitroaniline	9.66	138	148503	26.322 ng	94
54) 2,4-Dinitrophenol	9.78	184	242154	81.879 ng	96
55) Dibenzofuran	9.91	168	1135968	43.031 ng	98
56) 4-Nitrophenol	9.85	139	322762	76.890 ng	95
57) 2,4-Dinitrotoluene	9.90	165	276623	42.504 ng	95
58) Fluorene	10.26	166	893895	42.340 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	239067	43.632 ng	99
60) Diethylphthalate	10.14	149	972532	41.597 ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	435111	40.211 ng	97
62) 4-Nitroaniline	10.29	138	229709	42.724 ng	98
63) Azobenzene	10.41	77	925582	44.175 ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162807	44.142 ng	96
66) n-Nitrosodiphenylamine	10.37	169	817224	43.893 ng	99
67) 4-Bromophenyl-phenylether	10.73	248	271680	39.023 ng	98
68) Hexachlorobenzene	10.80	284	288627	40.866 ng	99
69) Atrazine	10.90	200	250098	48.279 ng	99
70) Pentachlorophenol	11.00	266	284698	69.948 ng	99
71) Phenanthrene	11.22	178	1291675	43.352 ng	99
72) Anthracene	11.26	178	1361332	44.726 ng	98
73) Carbazole	11.42	167	1211916	42.104 ng	99
74) Di-n-butylphthalate	11.76	149	1563631	41.323 ng	100
75) Fluoranthene	12.40	202	1414497	43.999 ng	99
77) Benzidine	12.53	184	790127	57.857 ng	99
78) Pyrene	12.63	202	1411866	41.454 ng	98
80) Butylbenzylphthalate	13.26	149	658355	39.836 ng	96
81) Benzo(a)anthracene	13.82	228	1140471	42.910 ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	246233	24.829 ng	99
83) Chrysene	13.86	228	1165948	43.174 ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	880475	39.342 ng	99
85) Di-n-octyl phthalate	14.43	149	1573787	41.300 ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1002487	42.112 ng	100
88) Benzo(b)fluoranthene	14.83	252	1179086	44.256 ng	98
89) Benzo(k)fluoranthene	14.86	252	947244	41.207 ng	98
90) Benzo(a)pyrene	15.17	252	964074	43.037 ng	98
91) Dibenzo(a,h)anthracene	16.60	278	830890	41.874 ng	99
92) Benzo(g,h,i)perylene	16.99	276	798064	40.745 ng	97

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

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