Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120319.D
Acq On : 15 May 2020 14:07
Operator : MA/SJ
Sample : PB128905BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128905BS

Quant Time: May 15 14:53:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 12:31:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	310699	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1287666	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	681670	20.00	ng		0.00
64) Phenanthrene-d10	11.13	188	1278642	20.00	ng		0.00
76) Chrysene-d12	13.77	240	870736	20.00	ng		0.00
87) Perylene-d12	15.16	264	802570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2376114	148.80	ng		0.02
7) Phenol-d6	6.28	99	2911606	144.18	ng		0.00
23) Nitrobenzene-d5	7.19	82	1925907	102.40	ng		0.00
42) 2,4,6-Tribromophenol	10.45	330	786454	141.50	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	3464007	104.40	ng		0.00
79) Terphenyl-d14	12.73	244	3727918	94.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	351897	55.398	ng		98
3) Pyridine	2.95	79	805113	40.321	ng		99
4) n-Nitrosodimethylamine	2.89	42	396624	50.728	ng		98
6) Aniline	6.28	93	1094015	42.362	ng		97
8) 2-Chlorophenol	6.40	128	960957	51.612	ng		99
9) Benzaldehyde	6.16	77	597147	47.969	ng		97
10) Phenol	6.29	94	1171039	49.677	ng	#	77
11) bis(2-Chloroethyl)ether	6.36	93	909545	48.303	ng		97
12) 1,3-Dichlorobenzene	6.55	146	929260	46.643	ng		99
13) 1,4-Dichlorobenzene	6.63	146	980911	47.804	ng		96
14) 1,2-Dichlorobenzene	6.79	146	883509	47.813	ng		97
15) Benzyl Alcohol	6.77	79	730406	50.913	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1426707	48.078	ng		68
17) 2-Methylphenol	6.89	107	761027	48.419	ng		95
18) Hexachloroethane	7.12	117	367352	46.994	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	650084	49.139	ng		95
20) 3+4-Methylphenols	7.05	107	991110	48.500	ng		97
22) Acetophenone	7.03	105	1309220	49.631	ng		98
24) Nitrobenzene	7.20	77	1001134	49.462	ng		97
25) Isophorone	7.45	82	1906722	48.725	ng		99
26) 2-Nitrophenol	7.52	139	546488	51.625	ng		92
27) 2,4-Dimethylphenol	7.57	122	843731	54.792	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	1230255	50.018	ng		99
29) 2,4-Dichlorophenol	7.77	162	791879	50.070	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	846081	48.276	ng		99
31) Naphthalene	7.92	128	2682669	49.363	ng		100
32) Benzoic acid	7.74	122	524621	51.976	ng		98
33) 4-Chloroaniline	7.98	127	946636	38.222	ng		99
34) Hexachlorobutadiene	8.04	225	458353	45.248	ng		96
35) Caprolactam	8.37	113	257300m	49.729	ng		
36) 4-Chloro-3-methylphenol	8.49	107	873557	51.059	ng		99
37) 2-Methylnaphthalene	8.62	142	1835064	49.343	ng		99
38) 1-Methylnaphthalene	8.72	142	1758064	48.740	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	816813	47.521	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	696706	96.748 ng	99
43) 2,4,6-Trichlorophenol	8.90	196	552574	47.893 ng	99
44) 2,4,5-Trichlorophenol	8.95	196	595194	44.920 ng	98
46) 1,1'-Biphenyl	9.08	154	2205765	49.386 ng	100
47) 2-Chloronaphthalene	9.10	162	1688774	47.137 ng	99
48) 2-Nitroaniline	9.21	65	626159	47.901 ng	98
49) Acenaphthylene	9.52	152	2653650	48.489 ng	100
50) Dimethylphthalate	9.39	163	2037854	47.292 ng	99
51) 2,6-Dinitrotoluene	9.46	165	457450	47.564 ng	87
52) Acenaphthene	9.69	154	1551913	47.309 ng	100
53) 3-Nitroaniline	9.62	138	374110	32.619 ng	99
54) 2,4-Dinitrophenol	9.74	184	425347	93.693 ng	91
55) Dibenzofuran	9.86	168	2283152	48.331 ng	100
56) 4-Nitrophenol	9.82	139	580070	94.127 ng	89
57) 2,4-Dinitrotoluene	9.86	165	556609	49.337 ng	96
58) Fluorene	10.20	166	1773340	49.292 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	503103	50.454 ng	99
60) Diethylphthalate	10.09	149	2061453	49.552 ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	870090	46.517 ng	94
62) 4-Nitroaniline	10.25	138	516222	48.336 ng	98
63) Azobenzene	10.36	77	1989220	50.593 ng	96
65) 4,6-Dinitro-2-methylphenol	10.27	198	325782	50.380 ng	92
66) n-Nitrosodiphenylamine	10.32	169	1707967	48.282 ng	99
67) 4-Bromophenyl-phenylether	10.69	248	549534	44.290 ng	96
68) Hexachlorobenzene	10.75	284	600869	46.290 ng	96
69) Atrazine	10.86	200	486462	45.958 ng	98
70) Pentachlorophenol	10.95	266	523845	94.887 ng	99
71) Phenanthrene	11.16	178	2596536	48.327 ng	99
72) Anthracene	11.22	178	2813907	48.922 ng	99
73) Carbazole	11.37	167	2602620	48.427 ng	99
74) Di-n-butylphthalate	11.71	149	3191581	49.276 ng	99
75) Fluoranthene	12.35	202	2898871	50.338 ng	99
77) Benzidine	12.48	184	2006495	78.912 ng	96
78) Pyrene	12.57	202	2936042	47.298 ng	99
80) Butylbenzylphthalate	13.20	149	1420480	48.596 ng	93
81) Benzo(a)anthracene	13.77	228	2195572	47.807 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	703992	40.677 ng	97
83) Chrysene	13.80	228	2337940	47.408 ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1702361	46.811 ng	99
85) Di-n-octyl phthalate	14.37	149	3208792	49.046 ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2018481	45.097 ng	100
88) Benzo(b)fluoranthene	14.77	252	2209349	50.407 ng	99
89) Benzo(k)fluoranthene	14.80	252	1923395	50.651 ng	99
90) Benzo(a)pyrene	15.11	252	1865551	47.460 ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1682909	48.327 ng	100
92) Benzo(g,h,i)perylene	16.89	276	1727114	49.184 ng	97

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

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