Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120180.D
Acq On : 23 Apr 2020 22:48
Operator : MA/SJ
Sample : L2330-14MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:37 PM

Quant Time: Apr 24 03:50:07 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	139730	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	562423	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	291751	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	543489	20.00	ng		0.00
76) Chrysene-d12	13.83	240	382098	20.00	ng		0.00
87) Perylene-d12	15.22	264	331026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	698183	86.35	ng		0.00
7) Phenol-d6	6.31	99	569471	54.66	ng		0.00
23) Nitrobenzene-d5	7.24	82	1073973	98.79	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	464091	129.92	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2099165	102.15	ng		0.00
79) Terphenyl-d14	12.78	244	2251573	99.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	89069	24.73	ng		99
3) Pyridine	2.98	79	187805	19.01	ng		97
4) n-Nitrosodimethylamine	2.93	42	132755	26.30	ng		99
6) Aniline	6.33	93	328123	24.00	ng	#	89
8) 2-Chlorophenol	6.45	128	442225	48.95	ng		96
9) Benzaldehyde	6.21	77	232290	42.84	ng		100
10) Phenol	6.32	94	237083	20.06	ng	#	49
11) bis(2-Chloroethyl)ether	6.40	93	483915	53.03	ng		100
12) 1,3-Dichlorobenzene	6.60	146	523652	52.95	ng		98
13) 1,4-Dichlorobenzene	6.68	146	534131	53.02	ng		98
14) 1,2-Dichlorobenzene	6.83	146	500813	53.94	ng		98
15) Benzyl Alcohol	6.82	79	303043	37.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	852075	47.98	ng		87
17) 2-Methylphenol	6.93	107	304933	37.82	ng		94
18) Hexachloroethane	7.17	117	200723	53.31	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	371977	55.52	ng		97
20) 3+4-Methylphenols	7.09	107	345669	35.06	ng	#	77
22) Acetophenone	7.08	105	715007	54.29	ng	#	97
24) Nitrobenzene	7.26	77	554439	50.70	ng		97
25) Isophorone	7.50	82	1028527	49.08	ng		99
26) 2-Nitrophenol	7.57	139	276647	50.63	ng		95
27) 2,4-Dimethylphenol	7.62	122	391403	47.50	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	628949	51.00	ng		99
29) 2,4-Dichlorophenol	7.82	162	395057	46.77	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	474581	49.59	ng		99
31) Naphthalene	7.97	128	1523737	51.49	ng		99
32) Benzoic acid	7.73	122	106422	14.70	ng		99
33) 4-Chloroaniline	8.02	127	182355	14.16	ng		99
34) Hexachlorobutadiene	8.09	225	275478	48.08	ng		99
35) Caprolactam	8.42	113	26101m	10.10	ng		
36) 4-Chloro-3-methylphenol	8.51	107	431300	47.16	ng		97
37) 2-Methylnaphthalene	8.66	142	1056820	52.68	ng		99
38) 1-Methylnaphthalene	8.76	142	988401	52.27	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	462258	50.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	436839	83.37	ng		98
43) 2,4,6-Trichlorophenol	8.95	196	316681	49.77	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	336540	46.96	ng		98
46) 1,1'-Biphenyl	9.13	154	1270066	51.58	ng		99
47) 2-Chloronaphthalene	9.15	162	985028	51.93	ng		100
48) 2-Nitroaniline	9.26	65	346946	50.47	ng		94
49) Acenaphthylene	9.57	152	1485179	51.48	ng		99
50) Dimethylphthalate	9.45	163	1165742	51.66	ng		99
51) 2,6-Dinitrotoluene	9.50	165	262117	53.04	ng		92
52) Acenaphthene	9.74	154	917423	47.67	ng		99
53) 3-Nitroaniline	9.66	138	100679	17.84	ng		96
54) 2,4-Dinitrophenol	9.78	184	276151	93.34	ng		92
55) Dibenzofuran	9.92	168	1338969	50.70	ng		97
56) 4-Nitrophenol	9.84	139	136054	32.40	ng		96
57) 2,4-Dinitrotoluene	9.90	165	324181	49.79	ng	#	88
58) Fluorene	10.26	166	1073844	50.84	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.03	232	269918	49.24	ng		98
60) Diethylphthalate	10.14	149	1187519	50.77	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	513112	47.40	ng		95
62) 4-Nitroaniline	10.29	138	245876	45.71	ng		99
63) Azobenzene	10.41	77	1107609	52.84	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	190548	53.22	ng		92
66) n-Nitrosodiphenylamine	10.37	169	981922	54.33	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	316987	46.90	ng		96
68) Hexachlorobenzene	10.80	284	347654	50.70	ng	#	90
69) Atrazine	10.90	200	282572	56.19	ng		99
70) Pentachlorophenol	11.00	266	318877	80.70	ng		98
71) Phenanthrene	11.22	178	1450956	50.16	ng		98
72) Anthracene	11.27	178	1590912	53.84	ng		98
73) Carbazole	11.42	167	1414419	50.62	ng		98
74) Di-n-butylphthalate	11.76	149	1912485	52.06	ng		100
75) Fluoranthene	12.40	202	1652732	52.96	ng		99
77) Benzidine	12.52	184	546713	42.33	ng		99
78) Pyrene	12.63	202	1666133	51.72	ng		98
80) Butylbenzylphthalate	13.25	149	799748	51.17	ng		95
81) Benzo(a)anthracene	13.82	228	1302880	51.83	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	233636	24.91	ng		98
83) Chrysene	13.85	228	1345295	52.67	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1072655	50.68	ng		98
85) Di-n-octyl phthalate	14.43	149	1881351	52.20	ng		98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1148230	51.00	ng		99
88) Benzo(b)fluoranthene	14.83	252	1199156	50.36	ng		99
89) Benzo(k)fluoranthene	14.86	252	1128925	54.95	ng		99
90) Benzo(a)pyrene	15.17	252	1023273	51.11	ng		96
91) Dibenzo(a,h)anthracene	16.60	278	951123	53.63	ng		100
92) Benzo(g,h,i)perylene	16.99	276	943872	53.92	ng		97

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

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