Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119652.D
Acq On : 31 Mar 2020 15:27
Operator : MA/SJ
Sample : L2055-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6-(10-12)MSD

Manual Integrations APPROVED
mohammad
4/1/2020 11:55:24 AM

Quant Time: Mar 31 16:37:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	334255	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1312067	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	695445	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1348667	20.00	ng		0.00
76) Chrysene-d12	14.02	240	943599	20.00	ng		0.00
87) Perylene-d12	15.48	264	933466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2137134	101.78	ng		0.02
7) Phenol-d6	6.46	99	2826176	105.37	ng		0.00
23) Nitrobenzene-d5	7.40	82	1766592	73.18	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	831529	115.90	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3280625	69.89	ng		0.00
79) Terphenyl-d14	12.96	244	3650622	75.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	418739	40.379	ng		96
3) Pyridine	3.39	79	1129711	39.542	ng		93
4) n-Nitrosodimethylamine	3.35	42	565224	40.569	ng		90
6) Aniline	6.49	93	843885	22.796	ng		95
8) 2-Chlorophenol	6.62	128	1154727	52.362	ng		97
9) Benzaldehyde	6.37	77	643225	37.803	ng		99
10) Phenol	6.47	94	1413212	49.378	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	1106520	48.341	ng		100
12) 1,3-Dichlorobenzene	6.77	146	1128665	47.288	ng		97
13) 1,4-Dichlorobenzene	6.85	146	1138464	47.686	ng		99
14) 1,2-Dichlorobenzene	7.00	146	1052294	47.156	ng		98
15) Benzyl Alcohol	6.97	79	933589	46.271	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1981293	42.912	ng		98
17) 2-Methylphenol	7.09	107	911285	45.101	ng		99
18) Hexachloroethane	7.35	117	438244	50.090	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	768130	47.512	ng		95
20) 3+4-Methylphenols	7.24	107	1072029	43.292	ng	#	82
22) Acetophenone	7.24	105	1422101	45.360	ng	#	86
24) Nitrobenzene	7.42	77	1186306	45.980	ng		97
25) Isophorone	7.66	82	2232126	45.579	ng		99
26) 2-Nitrophenol	7.73	139	620200	61.052	ng	#	85
27) 2,4-Dimethylphenol	7.77	122	985954	46.938	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1431378	49.427	ng		99
29) 2,4-Dichlorophenol	7.97	162	942654	48.841	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	999905	46.846	ng		99
31) Naphthalene	8.14	128	3109817	46.057	ng		99
32) Benzoic acid	7.91	122	844436	62.496	ng		94
33) 4-Chloroaniline	8.18	127	297528m	9.617	ng		
34) Hexachlorobutadiene	8.26	225	568683	47.619	ng		98
35) Caprolactam	8.57	113	273837m	43.352	ng		
36) 4-Chloro-3-methylphenol	8.67	107	1019468	48.328	ng		99
37) 2-Methylnaphthalene	8.83	142	2169396	48.956	ng		99
38) 1-Methylnaphthalene	8.93	142	2046171	48.784	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	906166	44.455	ng		98

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1109991	95.783	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	712598	48.851	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	742028	45.409	ng		93
46) 1,1'-Biphenyl	9.30	154	2558221	45.166	ng		99
47) 2-Chloronaphthalene	9.33	162	2012915	45.370	ng		98
48) 2-Nitroaniline	9.42	65	725026	47.344	ng		96
49) Acenaphthylene	9.75	152	3105257	44.569	ng		100
50) Dimethylphthalate	9.61	163	2696521	54.588	ng		99
51) 2,6-Dinitrotoluene	9.67	165	549669	51.914	ng		97
52) Acenaphthene	9.92	154	1960446	45.135	ng		99
53) 3-Nitroaniline	9.83	138	328375	24.566	ng		93
54) 2,4-Dinitrophenol	9.95	184	647635	135.780	ng		98
55) Dibenzofuran	10.09	168	2760866	44.334	ng		99
56) 4-Nitrophenol	10.00	139	968890	91.881	ng		92
57) 2,4-Dinitrotoluene	10.07	165	723235	54.223	ng		91
58) Fluorene	10.43	166	2120708	46.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	624735	51.146	ng		98
60) Diethylphthalate	10.31	149	2445239	48.772	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	1036330	46.019	ng		99
62) 4-Nitroaniline	10.46	138	563615	43.969	ng		96
63) Azobenzene	10.59	77	2334302	46.235	ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	421144	74.469	ng		88
66) n-Nitrosodiphenylamine	10.55	169	1999749	45.167	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	709289	46.179	ng		96
68) Hexachlorobenzene	10.98	284	756064	48.095	ng		97
69) Atrazine	11.07	200	642371	52.923	ng		100
70) Pentachlorophenol	11.17	266	866264	93.979	ng		98
71) Phenanthrene	11.40	178	3033334	43.376	ng		99
72) Anthracene	11.45	178	3146704	44.273	ng		99
73) Carbazole	11.60	167	2947566	41.899	ng		100
74) Di-n-butylphthalate	11.94	149	3771365	50.114	ng		99
75) Fluoranthene	12.59	202	3366452	44.481	ng		98
77) Benzidine	12.71	184	1599246	40.048	ng		99
78) Pyrene	12.82	202	3347685	43.229	ng		99
80) Butylbenzylphthalate	13.44	149	1698647	54.233	ng		97
81) Benzo(a)anthracene	14.01	228	2607764	42.499	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	823527	34.039	ng		96
83) Chrysene	14.04	228	2750263	43.430	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2154502	57.704	ng		98
85) Di-n-octyl phthalate	14.62	149	3895143	59.318	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2627664	44.058	ng		97
88) Benzo(b)fluoranthene	15.06	252	3069761	49.230	ng		97
89) Benzo(k)fluoranthene	15.09	252	2470810	41.614	ng		99
90) Benzo(a)pyrene	15.42	252	2487207	43.891	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	2195764	44.300	ng		99
92) Benzo(g,h,i)perylene	17.40	276	2135631	42.889	ng	#	95

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

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