Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119480.D
Acq On : 20 Mar 2020 19:13
Operator : CG/JU
Sample : L1749-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-031920MSD

Manual Integrations APPROVED
mohammad
3/23/2020 9:40:51 AM

Quant Time: Mar 23 04:46:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	303648	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1158248	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	577279	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	963552	20.00	ng		0.00
76) Chrysene-d12	14.03	240	591953	20.00	ng		0.00
87) Perylene-d12	15.50	264	690818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2030442	106.45	ng		0.02
7) Phenol-d6	6.48	99	2396764	98.36	ng		0.00
23) Nitrobenzene-d5	7.42	82	1752842	82.25	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	705880	118.52	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3035700	77.91	ng		0.00
79) Terphenyl-d14	12.97	244	2763271	91.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	335350	35.597	ng	#	83
3) Pyridine	3.47	79	504621	19.443	ng		98
4) n-Nitrosodimethylamine	3.40	42	483783	38.224	ng		97
6) Aniline	6.52	93	317201	9.432	ng		98
8) 2-Chlorophenol	6.64	128	916338	45.740	ng		99
9) Benzaldehyde	6.40	77	617683	39.961	ng		99
10) Phenol	6.49	94	943648m	36.295	ng		
11) bis(2-Chloroethyl)ether	6.59	93	892003	42.897	ng		96
12) 1,3-Dichlorobenzene	6.80	146	859044	39.619	ng		98
13) 1,4-Dichlorobenzene	6.87	146	879290	40.543	ng		99
14) 1,2-Dichlorobenzene	7.03	146	819213	40.412	ng		99
15) Benzyl Alcohol	6.99	79	793366	43.285	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1660418	39.587	ng		98
17) 2-Methylphenol	7.10	107	722905	39.384	ng		98
18) Hexachloroethane	7.37	117	322608	40.590	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	641212	43.659	ng		99
20) 3+4-Methylphenols	7.26	107	854575	37.989	ng	#	84
22) Acetophenone	7.26	105	1192970	43.105	ng	#	92
24) Nitrobenzene	7.44	77	957478	42.040	ng		95
25) Isophorone	7.67	82	1757644	40.657	ng		100
26) 2-Nitrophenol	7.75	139	467628	52.146	ng		97
27) 2,4-Dimethylphenol	7.79	122	796089	42.932	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	1098608	42.975	ng		98
29) 2,4-Dichlorophenol	7.99	162	724431	42.519	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	771797	40.961	ng		98
31) Naphthalene	8.16	128	2462993	41.322	ng		99
32) Benzoic acid	7.90	122	484365	40.608	ng		99
33) 4-Chloroaniline	8.20	127	175697	6.433	ng		97
34) Hexachlorobutadiene	8.28	225	425000	40.314	ng		97
35) Caprolactam	8.57	113	164285m	29.462	ng		
36) 4-Chloro-3-methylphenol	8.69	107	783038	42.050	ng		98
37) 2-Methylnaphthalene	8.86	142	1674357	42.803	ng		99
38) 1-Methylnaphthalene	8.96	142	1571815	42.452	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	732613	43.297	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	463076	48.139 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	529598	43.737 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	563835	41.567 ng	96
46) 1,1'-Biphenyl	9.32	154	1965340	41.801 ng	99
47) 2-Chloronaphthalene	9.35	162	1530886	41.568 ng	99
48) 2-Nitroaniline	9.44	65	574616	45.203 ng	93
49) Acenaphthylene	9.76	152	2429309	42.005 ng	99
50) Dimethylphthalate	9.62	163	2090011	50.970 ng	98
51) 2,6-Dinitrotoluene	9.68	165	407081	46.317 ng	92
52) Acenaphthene	9.93	154	1492419	41.393 ng	99
53) 3-Nitroaniline	9.84	138	97462	8.784 ng	98
54) 2,4-Dinitrophenol	9.95	184	153456	43.956 ng	94
55) Dibenzofuran	10.10	168	2166222	41.905 ng	99
56) 4-Nitrophenol	10.01	139	636224	72.684 ng	97
57) 2,4-Dinitrotoluene	10.09	165	533272	48.165 ng	98
58) Fluorene	10.45	166	1590045	41.595 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	444707	43.860 ng	99
60) Diethylphthalate	10.32	149	1823181	43.809 ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	790427	42.284 ng	99
62) 4-Nitroaniline	10.46	138	310963	29.225 ng	93
63) Azobenzene	10.60	77	1713662	40.890 ng	93
65) 4,6-Dinitro-2-methylphenol	10.49	198	117896	29.179 ng	94
66) n-Nitrosodiphenylamine	10.56	169	1491826	47.162 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	498391	45.417 ng	95
68) Hexachlorobenzene	11.00	284	513849	45.752 ng	98
69) Atrazine	11.09	200	433424	49.980 ng	99
70) Pentachlorophenol	11.19	266	558025	84.735 ng	98
71) Phenanthrene	11.42	178	2160855	43.249 ng	99
72) Anthracene	11.46	178	2209820	43.518 ng	100
73) Carbazole	11.62	167	2018796	40.166 ng	99
74) Di-n-butylphthalate	11.95	149	2616801	48.670 ng	98
75) Fluoranthene	12.60	202	2026613	37.480 ng	98
77) Benzidine	12.72	184	876847	35.002 ng	98
78) Pyrene	12.83	202	2017428	41.527 ng	99
80) Butylbenzylphthalate	13.45	149	943064	47.996 ng	96
81) Benzo(a)anthracene	14.02	228	1664489	43.240 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	547672	36.084 ng	98
83) Chrysene	14.06	228	1689108	42.518 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1207502	51.552 ng	99
85) Di-n-octyl phthalate	14.63	149	2151587	52.230 ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1937754	51.791 ng	98
88) Benzo(b)fluoranthene	15.07	252	1847860	40.043 ng	99
89) Benzo(k)fluoranthene	15.10	252	1852608	42.161 ng	100
90) Benzo(a)pyrene	15.44	252	1764477	42.074 ng	97
91) Dibenzo(a,h)anthracene	17.00	278	1653684	45.083 ng	97
92) Benzo(g,h,i)perylene	17.43	276	1544791	41.920 ng	97

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

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