Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120993.D
Acq On : 23 Jul 2020 21:26
Operator : JU/CG
Sample : L3379-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-361MS

Manual Integrations APPROVED
Sohil
7/24/2020 12:12:17 PM

Quant Time: Jul 24 05:30:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164979	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	640543	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	337708	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	641263	20.00	ng		0.00
76) Chrysene-d12	13.97	240	482222	20.00	ng		0.00
86) Perylene-d12	15.42	264	478557	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1147203	113.99	ng		0.02
7) Phenol-d6	6.45	99	1343211	103.33	ng		0.00
23) Nitrobenzene-d5	7.38	82	974251	88.01	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	464929	125.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1762970	77.94	ng		0.00
79) Terphenyl-d14	12.92	244	1759598	79.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	197071	42.549	ng	#	85
3) Pyridine	3.42	79	282759	22.950	ng		99
4) n-Nitrosodimethylamine	3.35	42	230578	43.765	ng		94
6) Aniline	6.48	93	240991	14.202	ng		97
8) 2-Chlorophenol	6.60	128	518438	46.763	ng		99
9) Benzaldehyde	6.37	77	309243	53.717	ng		96
10) Phenol	6.46	94	528156	36.934	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	505464	46.122	ng		99
12) 1,3-Dichlorobenzene	6.76	146	529317	44.031	ng		99
13) 1,4-Dichlorobenzene	6.83	146	534260	44.694	ng		98
14) 1,2-Dichlorobenzene	6.99	146	508246	44.943	ng		98
15) Benzyl Alcohol	6.96	79	420014	45.687	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	691916	43.802	ng		98
17) 2-Methylphenol	7.07	107	407685	41.489	ng		99
18) Hexachloroethane	7.33	117	198201	45.810	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	323622	43.780	ng		99
20) 3+4-Methylphenols	7.22	107	448467	35.878	ng	#	82
22) Acetophenone	7.23	105	639656	44.496	ng		96
24) Nitrobenzene	7.40	77	516850	43.319	ng		99
25) Isophorone	7.64	82	980442	44.378	ng		99
26) 2-Nitrophenol	7.71	139	277912	49.044	ng		96
27) 2,4-Dimethylphenol	7.75	122	443662	48.223	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	625137	46.354	ng		99
29) 2,4-Dichlorophenol	7.96	162	435705	46.345	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	465090	44.590	ng		98
31) Naphthalene	8.12	128	1424900	43.367	ng		100
32) Benzoic acid	7.88	122	283599	41.064	ng		97
33) 4-Chloroaniline	8.16	127	154801	10.561	ng		97
34) Hexachlorobutadiene	8.24	225	265154	43.123	ng		99
35) Caprolactam	8.55	113	112904m	37.449	ng		
36) 4-Chloro-3-methylphenol	8.66	107	449332	46.602	ng		96
37) 2-Methylnaphthalene	8.81	142	990559	46.431	ng		99
38) 1-Methylnaphthalene	8.91	142	926483	45.853	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	428874	43.588	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	459033	84.412	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	320385	46.246	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	348308	44.323	ng		96
46) 1,1'-Biphenyl	9.27	154	1187704	46.106	ng		100
47) 2-Chloronaphthalene	9.30	162	919205	43.766	ng		99
48) 2-Nitroaniline	9.39	65	288580	45.467	ng		99
49) Acenaphthylene	9.72	152	1463578	44.857	ng		100
50) Dimethylphthalate	9.58	163	1433735	58.848	ng		99
51) 2,6-Dinitrotoluene	9.64	165	251583	48.065	ng		90
52) Acenaphthene	9.89	154	959374m	46.249	ng		
53) 3-Nitroaniline	9.80	138	100553	15.317	ng		97
54) 2,4-Dinitrophenol	9.91	184	208861	70.235	ng		93
55) Dibenzofuran	10.06	168	1311332	43.714	ng		100
56) 4-Nitrophenol	9.97	139	388765	77.960	ng		94
57) 2,4-Dinitrotoluene	10.04	165	332369	48.354	ng	#	90
58) Fluorene	10.40	166	934231	41.757	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	291588	48.734	ng		96
60) Diethylphthalate	10.28	149	1119929	45.446	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	460632	38.601	ng		98
62) 4-Nitroaniline	10.42	138	243777	38.122	ng		99
63) Azobenzene	10.55	77	1038173	44.252	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	152989	41.764	ng		91
66) n-Nitrosodiphenylamine	10.51	169	930852	46.144	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	320967	44.893	ng		96
68) Hexachlorobenzene	10.95	284	358886	46.404	ng		94
69) Atrazine	11.04	200	271889	54.422	ng		97
70) Pentachlorophenol	11.15	266	417134	94.147	ng		99
71) Phenanthrene	11.36	178	1435688	43.532	ng		100
72) Anthracene	11.41	178	1505139	45.449	ng		99
73) Carbazole	11.57	167	1414557	43.041	ng		100
74) Di-n-butylphthalate	11.90	149	1741694	45.922	ng		100
75) Fluoranthene	12.54	202	1620936	44.341	ng		99
77) Benzidine	12.67	184	303251	23.919	ng		99
78) Pyrene	12.77	202	1625859	47.689	ng		99
80) Butylbenzylphthalate	13.40	149	757483	49.840	ng		96
81) Benzo(a)anthracene	13.96	228	1246133	42.674	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	343065	31.140	ng		98
83) Chrysene	14.00	228	1367253	44.555	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	904148	48.244	ng	#	99
85) Di-n-octyl phthalate	14.56	149	1824896	48.943	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1486011	44.649	ng		100
88) Benzo(b)fluoranthene	15.00	252	1445660	49.976	ng		100
89) Benzo(k)fluoranthene	15.03	252	1243456	47.134	ng		99
90) Benzo(a)pyrene	15.36	252	1225482	46.434	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1248512	45.924	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1208554	45.086	ng		99

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

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