Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120921.D
Acq On : 17 Jul 2020 14:28
Operator : JU/CG
Sample : L3335-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:46 AM

Quant Time: Jul 17 15:07:34 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	226832	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	874004	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	449032	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	819284	20.00	ng		0.00
76) Chrysene-d12	13.98	240	481731	20.00	ng		0.00
86) Perylene-d12	15.43	264	506731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1171600	84.67	ng		0.02
7) Phenol-d6	6.46	99	1477034	82.64	ng		0.01
23) Nitrobenzene-d5	7.39	82	937844	62.09	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	418758	85.20	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1685697	56.05	ng		0.00
79) Terphenyl-d14	12.93	244	1510135	68.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	244548	38.402	ng		100
3) Pyridine	3.36	79	691941	40.846	ng		100
4) n-Nitrosodimethylamine	3.32	42	321589	44.395	ng		95
6) Aniline	6.48	93	803232	34.428	ng		99
8) 2-Chlorophenol	6.60	128	687742	45.119	ng		99
9) Benzaldehyde	6.36	77	185914	18.137	ng		99
10) Phenol	6.47	94	809495	41.172	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	639344	42.430	ng		100
12) 1,3-Dichlorobenzene	6.76	146	675426	40.864	ng		100
13) 1,4-Dichlorobenzene	6.83	146	675693	41.112	ng		99
14) 1,2-Dichlorobenzene	6.99	146	662448	42.605	ng		99
15) Benzyl Alcohol	6.96	79	542101	42.888	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	911722	41.979	ng		100
17) 2-Methylphenol	7.07	107	541787	40.102	ng		99
18) Hexachloroethane	7.33	117	247350	41.581	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	420178	41.342	ng		98
20) 3+4-Methylphenols	7.23	107	580476	33.776	ng		91
22) Acetophenone	7.23	105	787179	40.131	ng	#	92
24) Nitrobenzene	7.40	77	671836	41.268	ng		98
25) Isophorone	7.65	82	1268982	42.095	ng		98
26) 2-Nitrophenol	7.72	139	365264	47.241	ng		95
27) 2,4-Dimethylphenol	7.76	122	567309	45.191	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	799618	43.454	ng		100
29) 2,4-Dichlorophenol	7.96	162	553322	43.135	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	596492	41.912	ng		98
31) Naphthalene	8.13	128	1797421	40.092	ng		99
32) Benzoic acid	7.90	122	489203	51.913	ng		97
33) 4-Chloroaniline	8.17	127	558252	27.913	ng		99
34) Hexachlorobutadiene	8.25	225	338696	40.370	ng		99
35) Caprolactam	8.56	113	197074m	47.907	ng		
36) 4-Chloro-3-methylphenol	8.66	107	574985	43.705	ng		96
37) 2-Methylnaphthalene	8.82	142	1225671	42.105	ng		99
38) 1-Methylnaphthalene	8.92	142	1154873	41.889	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	541450	41.386	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425037	58.783	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	407125	44.197	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	436103	41.737	ng		98
46) 1,1'-Biphenyl	9.28	154	1406522	41.064	ng		98
47) 2-Chloronaphthalene	9.30	162	1133739	40.598	ng		99
48) 2-Nitroaniline	9.40	65	363398	43.060	ng		91
49) Acenaphthylene	9.72	152	1755070	40.455	ng		99
50) Dimethylphthalate	9.59	163	1616936	49.913	ng		99
51) 2,6-Dinitrotoluene	9.65	165	310047	44.549	ng		93
52) Acenaphthene	9.89	154	1190111m	43.148	ng		
53) 3-Nitroaniline	9.81	138	250438	28.691	ng		96
54) 2,4-Dinitrophenol	9.92	184	259348	66.043	ng		91
55) Dibenzofuran	10.06	168	1567624	39.302	ng		100
56) 4-Nitrophenol	9.98	139	557816	84.128	ng		99
57) 2,4-Dinitrotoluene	10.05	165	409223	44.775	ng		98
58) Fluorene	10.41	166	1108770	37.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	361830	45.481	ng		96
60) Diethylphthalate	10.29	149	1362233	41.574	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	550570	34.699	ng		99
62) 4-Nitroaniline	10.43	138	304433	35.804	ng		99
63) Azobenzene	10.56	77	1255516	40.248	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	181178	38.993	ng		94
66) n-Nitrosodiphenylamine	10.52	169	1130404	43.860	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	389009	42.587	ng		97
68) Hexachlorobenzene	10.95	284	427994	43.315	ng		97
69) Atrazine	11.05	200	319677	50.083	ng		99
70) Pentachlorophenol	11.15	266	481153	84.999	ng		100
71) Phenanthrene	11.37	178	1664452	39.502	ng		99
72) Anthracene	11.42	178	1727337	40.825	ng		99
73) Carbazole	11.57	167	1611348	38.375	ng		99
74) Di-n-butylphthalate	11.90	149	2040623	42.113	ng		99
75) Fluoranthene	12.55	202	1739934	37.254	ng		99
77) Benzidine	12.67	184	1164471	91.940	ng		99
78) Pyrene	12.78	202	1735486	50.956	ng		100
80) Butylbenzylphthalate	13.40	149	825362	54.362	ng		96
81) Benzo(a)anthracene	13.97	228	1180792	40.478	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	519982	47.248	ng		98
83) Chrysene	14.00	228	1301549	42.457	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	974284	52.039	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1795683	48.209	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1592382	45.185	ng		99
88) Benzo(b)fluoranthene	15.01	252	1339125	43.719	ng		99
89) Benzo(k)fluoranthene	15.04	252	1220431	43.689	ng		99
90) Benzo(a)pyrene	15.37	252	1210864	43.329	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1296523	45.039	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1312566	46.244	ng		100

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

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