Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120918.D
Acq On : 17 Jul 2020 13:00
Operator : JU/CG
Sample : L3308-24MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24MS

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:38 AM

Quant Time: Jul 17 13:46:08 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	221188	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	850807	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	437892	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	799775	20.00	ng		0.00
76) Chrysene-d12	13.98	240	461207	20.00	ng		0.00
86) Perylene-d12	15.42	264	479366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1290096	95.62	ng		0.02
7) Phenol-d6	6.46	99	1628375	93.43	ng		0.01
23) Nitrobenzene-d5	7.39	82	1016773	69.15	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	450598	94.01	ng		0.01
45) 2-Fluorobiphenyl	9.18	172	1731500	59.04	ng		0.00
79) Terphenyl-d14	12.93	244	1578788	74.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	242764	39.095	ng		100
3) Pyridine	3.35	79	687506	41.620	ng		99
4) n-Nitrosodimethylamine	3.31	42	329097	46.591	ng		94
6) Aniline	6.48	93	661656	29.083	ng		99
8) 2-Chlorophenol	6.60	128	710324	47.789	ng		98
9) Benzaldehyde	6.36	77	195807	19.944	ng		99
10) Phenol	6.47	94	832207	43.407	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	684261	46.570	ng		98
12) 1,3-Dichlorobenzene	6.76	146	697170	43.256	ng		98
13) 1,4-Dichlorobenzene	6.83	146	700779	43.726	ng		99
14) 1,2-Dichlorobenzene	6.99	146	682275	45.000	ng		99
15) Benzyl Alcohol	6.96	79	560395	45.467	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	936574	44.224	ng		99
17) 2-Methylphenol	7.08	107	560847	42.572	ng		99
18) Hexachloroethane	7.33	117	258458	44.557	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	428456	43.232	ng		98
20) 3+4-Methylphenols	7.23	107	588639	35.125	ng		92
22) Acetophenone	7.23	105	797184	41.749	ng	#	94
24) Nitrobenzene	7.40	77	697540	44.015	ng		99
25) Isophorone	7.65	82	1311640	44.696	ng		99
26) 2-Nitrophenol	7.72	139	379263	50.389	ng		96
27) 2,4-Dimethylphenol	7.76	122	601307	49.206	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	833992	46.558	ng		99
29) 2,4-Dichlorophenol	7.96	162	576140	46.138	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	613713	44.298	ng		100
31) Naphthalene	8.13	128	1854711	42.498	ng		99
32) Benzoic acid	7.90	122	517012	56.360	ng		99
33) 4-Chloroaniline	8.17	127	412588	21.192	ng		99
34) Hexachlorobutadiene	8.24	225	346524	42.429	ng		99
35) Caprolactam	8.56	113	209727m	52.373	ng		
36) 4-Chloro-3-methylphenol	8.66	107	593033	46.305	ng		96
37) 2-Methylnaphthalene	8.82	142	1266799	44.704	ng		99
38) 1-Methylnaphthalene	8.92	142	1198521	44.657	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	560446	43.928	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	439717	62.360	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	429012	47.758	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	450256	44.187	ng		98
46) 1,1'-Biphenyl	9.28	154	1460818	43.734	ng		99
47) 2-Chloronaphthalene	9.30	162	1179382	43.307	ng		99
48) 2-Nitroaniline	9.40	65	381661	46.374	ng		90
49) Acenaphthylene	9.72	152	1839524	43.480	ng		99
50) Dimethylphthalate	9.59	163	1755662	55.574	ng		98
51) 2,6-Dinitrotoluene	9.65	165	327475	48.250	ng		93
52) Acenaphthene	9.89	154	1241046m	46.139	ng		
53) 3-Nitroaniline	9.81	138	213893	25.128	ng		99
54) 2,4-Dinitrophenol	9.92	184	297387	76.454	ng	#	79
55) Dibenzofuran	10.06	168	1632922	41.981	ng		99
56) 4-Nitrophenol	9.98	139	591066	91.410	ng		99
57) 2,4-Dinitrotoluene	10.05	165	429394	48.177	ng		96
58) Fluorene	10.41	166	1125578	38.799	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	379655	48.936	ng		96
60) Diethylphthalate	10.29	149	1433528	44.863	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	555409	35.895	ng		99
62) 4-Nitroaniline	10.43	138	315515	38.052	ng		99
63) Azobenzene	10.56	77	1309198	43.037	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	202440	44.077	ng		96
66) n-Nitrosodiphenylamine	10.52	169	1181921	46.977	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	404301	45.341	ng		98
68) Hexachlorobenzene	10.95	284	450961	46.752	ng		95
69) Atrazine	11.05	200	337794	54.213	ng		98
70) Pentachlorophenol	11.15	266	504479	91.294	ng		99
71) Phenanthrene	11.37	178	1742692	42.368	ng		99
72) Anthracene	11.42	178	1795817	43.479	ng		99
73) Carbazole	11.57	167	1695242	41.358	ng		99
74) Di-n-butylphthalate	11.90	149	2146746	45.384	ng		99
75) Fluoranthene	12.55	202	1830344	40.146	ng		98
77) Benzidine	12.67	184	868107	71.591	ng		98
78) Pyrene	12.78	202	1830067	56.124	ng		99
80) Butylbenzylphthalate	13.40	149	856769	58.941	ng		94
81) Benzo(a)anthracene	13.97	228	1216675	43.564	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	405143	38.451	ng		99
83) Chrysene	14.00	228	1363825	46.468	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	983996	54.897	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1825905	51.202	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1653658	49.603	ng		100
88) Benzo(b)fluoranthene	15.01	252	1393402	48.088	ng		99
89) Benzo(k)fluoranthene	15.04	252	1250136	47.307	ng		100
90) Benzo(a)pyrene	15.37	252	1248025	47.208	ng		100
91) Dibenzo(a,h)anthracene	16.89	278	1349005	49.537	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1367380	50.925	ng		99

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

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