Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120919.D
Acq On : 17 Jul 2020 13:30
Operator : JU/CG
Sample : L3308-24MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24MSD

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:42 AM

Quant Time: Jul 17 14:04:26 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	209628	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	792371	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	398576	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	722895	20.00	ng		0.00
76) Chrysene-d12	13.97	240	411086	20.00	ng		0.00
86) Perylene-d12	15.42	264	458030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1176418	92.00	ng		0.01
7) Phenol-d6	6.46	99	1499807	90.80	ng		0.01
23) Nitrobenzene-d5	7.39	82	917701	67.02	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	420378	96.35	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1571460	58.87	ng		0.00
79) Terphenyl-d14	12.92	244	1420474	75.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	166278	28.254	ng		99
3) Pyridine	3.32	79	521001	33.279	ng		98
4) n-Nitrosodimethylamine	3.26	42	268584	40.121	ng		97
6) Aniline	6.48	93	845645	39.220	ng		99
8) 2-Chlorophenol	6.60	128	640197	45.447	ng		98
9) Benzaldehyde	6.36	77	164013	17.128	ng		100
10) Phenol	6.47	94	780575	42.959	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	598889	43.007	ng		98
12) 1,3-Dichlorobenzene	6.76	146	601229	39.360	ng		99
13) 1,4-Dichlorobenzene	6.83	146	607842	40.019	ng		99
14) 1,2-Dichlorobenzene	6.99	146	595184	41.421	ng		99
15) Benzyl Alcohol	6.96	79	504185	43.162	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840053	41.853	ng		100
17) 2-Methylphenol	7.07	107	510351	40.875	ng		98
18) Hexachloroethane	7.33	117	218238	39.698	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	390881	41.616	ng		97
20) 3+4-Methylphenols	7.23	107	554178	34.892	ng		95
22) Acetophenone	7.23	105	724855	40.761	ng	#	94
24) Nitrobenzene	7.40	77	632512	42.855	ng		100
25) Isophorone	7.65	82	1175656	43.017	ng		99
26) 2-Nitrophenol	7.72	139	340124	48.522	ng		96
27) 2,4-Dimethylphenol	7.76	122	542069	47.629	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	747454	44.804	ng		100
29) 2,4-Dichlorophenol	7.96	162	520601	44.765	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	544000	42.162	ng		99
31) Naphthalene	8.13	128	1674175	41.190	ng		99
32) Benzoic acid	7.90	122	481218	56.327	ng		99
33) 4-Chloroaniline	8.17	127	683021	37.671	ng		99
34) Hexachlorobutadiene	8.25	225	309875	40.740	ng		99
35) Caprolactam	8.56	113	191120m	51.246	ng		
36) 4-Chloro-3-methylphenol	8.66	107	546779	45.842	ng		96
37) 2-Methylnaphthalene	8.82	142	1137042	43.085	ng		99
38) 1-Methylnaphthalene	8.92	142	1084656	43.395	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	511262	44.026	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	399722	62.280	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	386470	47.266	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	420371	45.324	ng		99
46) 1,1'-Biphenyl	9.28	154	1331018	43.779	ng		99
47) 2-Chloronaphthalene	9.30	162	1074295	43.339	ng		100
48) 2-Nitroaniline	9.40	65	348906	46.576	ng		99
49) Acenaphthylene	9.72	152	1667247	43.295	ng		99
50) Dimethylphthalate	9.59	163	1547242	53.808	ng		98
51) 2,6-Dinitrotoluene	9.65	165	293093	47.444	ng		92
52) Acenaphthene	9.89	154	1134404m	46.335	ng		
53) 3-Nitroaniline	9.81	138	280200	36.164	ng		98
54) 2,4-Dinitrophenol	9.92	184	265977	75.243	ng		91
55) Dibenzofuran	10.06	168	1492957	42.169	ng		99
56) 4-Nitrophenol	9.98	139	521360	88.583	ng		98
57) 2,4-Dinitrotoluene	10.05	165	390160	48.093	ng		90
58) Fluorene	10.41	166	1060359	40.157	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	347236	49.172	ng		97
60) Diethylphthalate	10.29	149	1283673	44.136	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	529963	37.629	ng		98
62) 4-Nitroaniline	10.43	138	311263	41.242	ng		97
63) Azobenzene	10.56	77	1198962	43.301	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	179484	43.308	ng		90
66) n-Nitrosodiphenylamine	10.52	169	1075182	47.280	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	372184	46.178	ng		96
68) Hexachlorobenzene	10.95	284	407747	46.768	ng		97
69) Atrazine	11.05	200	301817	53.590	ng		97
70) Pentachlorophenol	11.15	266	463804	92.859	ng		99
71) Phenanthrene	11.37	178	1592043	42.821	ng		100
72) Anthracene	11.42	178	1648591	44.159	ng		99
73) Carbazole	11.57	167	1523041	41.109	ng		99
74) Di-n-butylphthalate	11.90	149	1971249	46.106	ng		99
75) Fluoranthene	12.55	202	1632792	39.622	ng		99
77) Benzidine	12.67	184	1021179	94.482	ng		99
78) Pyrene	12.78	202	1594206	54.852	ng		99
80) Butylbenzylphthalate	13.40	149	748847	57.798	ng		100
81) Benzo(a)anthracene	13.97	228	1105155	44.396	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	480631	51.177	ng		97
83) Chrysene	14.00	228	1228358	46.955	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	873276	54.660	ng	#	98
85) Di-n-octyl phthalate	14.57	149	1583256	49.810	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1610710	50.565	ng		99
88) Benzo(b)fluoranthene	15.01	252	1304025	47.100	ng		100
89) Benzo(k)fluoranthene	15.04	252	1159757	45.931	ng		100
90) Benzo(a)pyrene	15.37	252	1182879	46.828	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1313875	50.494	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1339044	52.193	ng		99

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

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