Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120480.D
Acq On : 1 Jun 2020 19:22
Operator : JU/CG
Sample : L2773-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM8-COMP-2020-0-6MS

Manual Integrations APPROVED
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6/2/2020 3:26:22 PM

Quant Time: Jun 02 00:28:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	220967	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	783929	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	358396	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	593666	20.00	ng		0.01
76) Chrysene-d12	14.01	240	435506	20.00	ng		0.01
86) Perylene-d12	15.47	264	388918	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1091116	94.10	ng		0.02
7) Phenol-d6	6.49	99	1350032	94.46	ng		0.02
23) Nitrobenzene-d5	7.41	82	854846	71.33	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	315837	95.11	ng		0.01
45) 2-Fluorobiphenyl	9.20	172	1538246	72.82	ng		0.00
79) Terphenyl-d14	12.95	244	1411183	72.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	241675	42.08	ng		98
3) Pyridine	3.40	79	542190	34.08	ng		97
4) n-Nitrosodimethylamine	3.34	42	295539	43.90	ng		97
6) Aniline	6.56	93	452958m	22.73	ng		
8) 2-Chlorophenol	6.63	128	604216	46.22	ng		99
9) Benzaldehyde	6.39	77	333669	38.31	ng		99
10) Phenol	6.50	94	687083	43.96	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	583604m	44.69	ng		
12) 1,3-Dichlorobenzene	6.79	146	622038	43.31	ng		98
13) 1,4-Dichlorobenzene	6.86	146	632241	44.12	ng		98
14) 1,2-Dichlorobenzene	7.02	146	579405	43.77	ng		97
15) Benzyl Alcohol	6.99	79	466989	43.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	814641	39.57	ng		98
17) 2-Methylphenol	7.10	107	462877	39.59	ng		99
18) Hexachloroethane	7.36	117	142384	27.14	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	372291	40.98	ng		95
20) 3+4-Methylphenols	7.26	107	515698	34.92	ng	#	86
22) Acetophenone	7.25	105	712185	44.73	ng		95
24) Nitrobenzene	7.43	77	578366	44.80	ng		96
25) Isophorone	7.67	82	1037742	43.08	ng		99
26) 2-Nitrophenol	7.75	139	254468	43.72	ng		96
27) 2,4-Dimethylphenol	7.78	122	501173	49.58	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	676318	46.63	ng		99
29) 2,4-Dichlorophenol	7.99	162	454826	44.55	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	510416	44.55	ng		98
31) Naphthalene	8.15	128	1568027	45.54	ng		99
32) Benzoic acid	7.91	122	329020	43.86	ng		95
33) 4-Chloroaniline	8.21	127	362252	23.74	ng		97
34) Hexachlorobutadiene	8.26	225	298885	44.01	ng		98
35) Caprolactam	8.57	113	149726	45.28	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	448829	43.33	ng		97
37) 2-Methylnaphthalene	8.84	142	1018343	44.66	ng		99
38) 1-Methylnaphthalene	8.94	142	965601	44.86	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	486084	52.89	ng		98

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Quant Time: Jun 02 00:28:09 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	24232	4.72	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	317323	47.74	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	324591	43.08	ng		95
46) 1,1'-Biphenyl	9.30	154	1216426	51.67	ng		99
47) 2-Chloronaphthalene	9.33	162	907276	46.80	ng		97
48) 2-Nitroaniline	9.42	65	298056	50.48	ng		97
49) Acenaphthylene	9.75	152	1429899	47.73	ng		100
50) Dimethylphthalate	9.60	163	1295124	57.80	ng		100
51) 2,6-Dinitrotoluene	9.66	165	207445	41.66	ng		94
52) Acenaphthene	9.92	154	822236	43.98	ng		99
53) 3-Nitroaniline	9.83	138	218303	37.33	ng		98
54) 2,4-Dinitrophenol	9.94	184	10390	12.30	ng		96
55) Dibenzofuran	10.09	168	1226412	45.14	ng		99
56) 4-Nitrophenol	10.00	139	349872	78.16	ng		97
57) 2,4-Dinitrotoluene	10.07	165	239826	37.63	ng		89
58) Fluorene	10.43	166	890575	43.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	254476	43.34	ng		99
60) Diethylphthalate	10.30	149	1040341	45.95	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	461751	41.77	ng		96
62) 4-Nitroaniline	10.45	138	239996	43.48	ng		98
63) Azobenzene	10.58	77	887756	41.68	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	10239	4.73	ng		95
66) n-Nitrosodiphenylamine	10.54	169	829950	50.33	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	283265	47.27	ng	#	90
68) Hexachlorobenzene	10.98	284	300214	47.04	ng		92
69) Atrazine	11.07	200	204440	43.98	ng		98
70) Pentachlorophenol	11.17	266	310648	79.62	ng		97
71) Phenanthrene	11.39	178	1398866	53.48	ng		100
72) Anthracene	11.45	178	1309241	49.88	ng		100
73) Carbazole	11.60	167	1145222	45.11	ng		99
74) Di-n-butylphthalate	11.93	149	1458399	49.39	ng		100
75) Fluoranthene	12.58	202	1687966	59.97	ng		99
77) Benzidine	12.70	184	116944	10.22	ng		98
78) Pyrene	12.82	202	1715080	56.63	ng		99
80) Butylbenzylphthalate	13.43	149	581479	45.99	ng		99
81) Benzo(a)anthracene	14.00	228	1340301	57.42	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	332630	39.25	ng		99
83) Chrysene	14.04	228	1297596	53.03	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	776603	52.32	ng		99
85) Di-n-octyl phthalate	14.60	149	1348264	52.50	ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1011901	47.57	ng		97
88) Benzo(b)fluoranthene	15.05	252	1258801	58.27	ng		99
89) Benzo(k)fluoranthene	15.08	252	1010482	50.11	ng		99
90) Benzo(a)pyrene	15.42	252	1018247	53.89	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	754963	43.53	ng		99
92) Benzo(g,h,i)perylene	17.38	276	852893	49.86	ng		98

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

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