Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120481.D
Acq On : 1 Jun 2020 19:49
Operator : JU/CG
Sample : L2773-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/2/2020 3:26:24 PM

Quant Time: Jun 02 00:33:37 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	213379	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	756396	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	338049	20.00	ng		0.01
64) Phenanthrene-d10	11.37	188	573773	20.00	ng		0.01
76) Chrysene-d12	14.02	240	436469	20.00	ng		0.02
86) Perylene-d12	15.47	264	380788	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1177115	105.13	ng		0.02
7) Phenol-d6	6.49	99	1459803	105.78	ng		0.02
23) Nitrobenzene-d5	7.41	82	959807	83.00	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	348697	111.33	ng		0.01
45) 2-Fluorobiphenyl	9.20	172	1673211	83.98	ng		0.00
79) Terphenyl-d14	12.96	244	1578587	80.48	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	228406	41.18	ng		99
3) Pyridine	3.39	79	522317	34.00	ng		97
4) n-Nitrosodimethylamine	3.34	42	281195	43.26	ng		98
6) Aniline	6.56	93	407268m	21.16	ng		
8) 2-Chlorophenol	6.63	128	575570	45.59	ng		98
9) Benzaldehyde	6.39	77	330104	39.25	ng		97
10) Phenol	6.50	94	662544	43.90	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	569121m	45.13	ng		
12) 1,3-Dichlorobenzene	6.79	146	598702	43.16	ng		99
13) 1,4-Dichlorobenzene	6.86	146	600603	43.40	ng		99
14) 1,2-Dichlorobenzene	7.02	146	557934	43.65	ng		97
15) Benzyl Alcohol	6.99	79	439866	42.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	782949	39.38	ng		98
17) 2-Methylphenol	7.10	107	440149	38.99	ng		98
18) Hexachloroethane	7.36	117	129111	25.49	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	351862	40.11	ng		97
20) 3+4-Methylphenols	7.26	107	498542	34.96	ng	#	86
22) Acetophenone	7.25	105	686897	44.71	ng		94
24) Nitrobenzene	7.43	77	543992	43.67	ng		96
25) Isophorone	7.67	82	992826	42.72	ng		99
26) 2-Nitrophenol	7.75	139	227925	40.58	ng		97
27) 2,4-Dimethylphenol	7.79	122	471234	48.32	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	640631	45.77	ng		99
29) 2,4-Dichlorophenol	7.99	162	435630	44.22	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	486035	43.96	ng		99
31) Naphthalene	8.15	128	1480793	44.58	ng		99
32) Benzoic acid	7.91	122	320098	44.23	ng		96
33) 4-Chloroaniline	8.21	127	352565	23.95	ng		98
34) Hexachlorobutadiene	8.27	225	285577	43.58	ng		99
35) Caprolactam	8.57	113	141782	44.44	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	423338	42.36	ng		97
37) 2-Methylnaphthalene	8.84	142	961570	43.70	ng		99
38) 1-Methylnaphthalene	8.94	142	906379	43.64	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	454990	52.48	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	22711	4.69	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	300398	47.91	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	306629	43.14	ng		98
46) 1,1'-Biphenyl	9.30	154	1138854	51.28	ng		99
47) 2-Chloronaphthalene	9.33	162	858325	46.94	ng		99
48) 2-Nitroaniline	9.43	65	286484	51.44	ng		89
49) Acenaphthylene	9.75	152	1339080	47.39	ng		100
50) Dimethylphthalate	9.60	163	1289905	61.03	ng		99
51) 2,6-Dinitrotoluene	9.67	165	186233	39.65	ng	#	80
52) Acenaphthene	9.92	154	767070	43.49	ng		99
53) 3-Nitroaniline	9.83	138	218456	39.61	ng		97
54) 2,4-Dinitrophenol	9.94	184	5832	10.40	ng		96
55) Dibenzofuran	10.09	168	1159882	45.26	ng		98
56) 4-Nitrophenol	10.00	139	334489	79.22	ng		98
57) 2,4-Dinitrotoluene	10.07	165	212559	35.36	ng		90
58) Fluorene	10.43	166	843583	43.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	242743	43.83	ng		98
60) Diethylphthalate	10.30	149	979924	45.88	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	429425	41.18	ng		97
62) 4-Nitroaniline	10.45	138	241482	46.38	ng		98
63) Azobenzene	10.58	77	835357	41.58	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	5611	2.68	ng		94
66) n-Nitrosodiphenylamine	10.54	169	781881	49.06	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	268787	46.41	ng	#	93
68) Hexachlorobenzene	10.98	284	286973	46.53	ng		94
69) Atrazine	11.07	200	182339	40.59	ng		98
70) Pentachlorophenol	11.17	266	307523	81.55	ng		99
71) Phenanthrene	11.39	178	1343676	53.15	ng		99
72) Anthracene	11.45	178	1261702	49.74	ng		99
73) Carbazole	11.60	167	1113360	45.38	ng		100
74) Di-n-butylphthalate	11.93	149	1373698	48.13	ng		99
75) Fluoranthene	12.59	202	1745601	64.17	ng		98
77) Benzidine	12.70	184	129371	11.28	ng		97
78) Pyrene	12.82	202	1764290	58.12	ng		100
80) Butylbenzylphthalate	13.43	149	569567	44.95	ng		98
81) Benzo(a)anthracene	14.00	228	1394430	59.61	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	341885	40.26	ng		99
83) Chrysene	14.04	228	1307024	53.30	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	778089	52.31	ng	#	98
85) Di-n-octyl phthalate	14.60	149	1350555	52.47	ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	982587	47.18	ng		97
88) Benzo(b)fluoranthene	15.05	252	1212313	57.32	ng		98
89) Benzo(k)fluoranthene	15.08	252	1050696	53.21	ng		99
90) Benzo(a)pyrene	15.42	252	1014544	54.84	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	735567	43.32	ng		99
92) Benzo(g,h,i)perylene	17.38	276	830447	49.59	ng		98

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

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