Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120722.D
Acq On : 26 Jun 2020 21:25
Operator : JU/CG
Sample : L2810-16MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:35 PM

Quant Time: Jun 27 01:19:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153062	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	578827	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	302246	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	590485	20.00	ng		0.00
76) Chrysene-d12	13.96	240	472714	20.00	ng		0.00
86) Perylene-d12	15.40	264	536552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	966132	108.22	ng		0.00
7) Phenol-d6	6.43	99	1112714	100.07	ng		0.00
23) Nitrobenzene-d5	7.36	82	863621	83.40	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	428809	122.03	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1639882	83.01	ng		-0.01
79) Terphenyl-d14	12.90	244	1912669	89.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	158553	37.471	ng	#	84
3) Pyridine	3.33	79	326911	27.483	ng		99
4) n-Nitrosodimethylamine	3.26	42	200522	40.621	ng		98
6) Aniline	6.46	93	334745	23.523	ng	#	88
8) 2-Chlorophenol	6.58	128	460049	45.601	ng		99
9) Benzaldehyde	6.34	77	116261	16.530	ng		99
10) Phenol	6.45	94	448824	37.831	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	449186	45.455	ng		97
12) 1,3-Dichlorobenzene	6.73	146	466819	43.525	ng		98
13) 1,4-Dichlorobenzene	6.81	146	474153	44.807	ng		99
14) 1,2-Dichlorobenzene	6.96	146	437428	42.435	ng		99
15) Benzyl Alcohol	6.94	79	346368	43.924	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	604965	42.518	ng		94
17) 2-Methylphenol	7.06	107	356648	41.449	ng		97
18) Hexachloroethane	7.30	117	172820	44.321	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	290524	45.043	ng		99
20) 3+4-Methylphenols	7.21	107	403842	37.559	ng		97
22) Acetophenone	7.20	105	575054	44.438	ng	#	98
24) Nitrobenzene	7.38	77	466643	43.062	ng		97
25) Isophorone	7.62	82	855673	42.420	ng		97
26) 2-Nitrophenol	7.69	139	255648	44.593	ng		97
27) 2,4-Dimethylphenol	7.73	122	379249	44.929	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	544186	46.540	ng		100
29) 2,4-Dichlorophenol	7.94	162	389969	45.449	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	422197	44.401	ng		99
31) Naphthalene	8.10	128	1325554	46.638	ng		99
32) Benzoic acid	7.87	122	231059	35.677	ng		93
33) 4-Chloroaniline	8.15	127	280842	21.528	ng		100
34) Hexachlorobutadiene	8.22	225	241355	43.544	ng		99
35) Caprolactam	8.53	113	98823m	36.011	ng		
36) 4-Chloro-3-methylphenol	8.64	107	398697	46.510	ng		99
37) 2-Methylnaphthalene	8.79	142	883922	47.640	ng		99
38) 1-Methylnaphthalene	8.89	142	844194	48.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	403480	44.708	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	420426	83.133	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	288901	45.128	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	309563	42.622	ng	97
46) 1,1'-Biphenyl	9.25	154	1050918	46.565	ng	99
47) 2-Chloronaphthalene	9.28	162	833043	45.138	ng	99
48) 2-Nitroaniline	9.37	65	257384	44.405	ng	97
49) Acenaphthylene	9.69	152	1309406	45.972	ng	100
50) Dimethylphthalate	9.56	163	1107632	50.884	ng	100
51) 2,6-Dinitrotoluene	9.62	165	229402	46.502	ng	91
52) Acenaphthene	9.86	154	778957	45.856	ng	99
53) 3-Nitroaniline	9.79	138	176956	29.865	ng	97
54) 2,4-Dinitrophenol	9.90	184	253329	87.246	ng	94
55) Dibenzofuran	10.04	168	1170863	44.953	ng	99
56) 4-Nitrophenol	9.96	139	298889	66.976	ng	97
57) 2,4-Dinitrotoluene	10.03	165	298434	45.590	ng	96
58) Fluorene	10.38	166	902368	44.941	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	263066	46.038	ng	99
60) Diethylphthalate	10.26	149	983390	45.869	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	442493	42.674	ng	99
62) 4-Nitroaniline	10.40	138	248332	42.216	ng	99
63) Azobenzene	10.53	77	897862	46.137	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	176342	49.770	ng	99
66) n-Nitrosodiphenylamine	10.49	169	847113	46.716	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	296966	44.313	ng	98
68) Hexachlorobenzene	10.93	284	332181	46.103	ng	100
69) Atrazine	11.02	200	243514	43.397	ng	98
70) Pentachlorophenol	11.13	266	337624	84.284	ng	99
71) Phenanthrene	11.34	178	1358027	46.266	ng	99
72) Anthracene	11.39	178	1399447	47.299	ng	100
73) Carbazole	11.55	167	1305054	44.559	ng	99
74) Di-n-butylphthalate	11.88	149	1554993	47.225	ng	99
75) Fluoranthene	12.53	202	1512547	45.070	ng	97
77) Benzidine	12.65	184	276330	17.285	ng	99
78) Pyrene	12.76	202	1557317	46.504	ng	100
80) Butylbenzylphthalate	13.37	149	682240	45.881	ng	100
81) Benzo(a)anthracene	13.95	228	1332779	46.928	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	381399	35.159	ng	98
83) Chrysene	13.99	228	1353309	46.455	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	891772	49.140	ng	100
85) Di-n-octyl phthalate	14.55	149	1633858	47.175	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1748233	53.565	ng	100
88) Benzo(b)fluoranthene	14.99	252	1467797	45.924	ng	99
89) Benzo(k)fluoranthene	15.02	252	1396603	49.382	ng	100
90) Benzo(a)pyrene	15.34	252	1347423	47.106	ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1387143	53.001	ng	100
92) Benzo(g,h,i)perylene	17.27	276	1479807	56.095	ng	98

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

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