Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120380.D
Acq On : 21 May 2020 14:52
Operator : MA/SJ
Sample : PB129032BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Manual Integrations APPROVED
mohammad
5/22/2020 2:55:48 PM

Quant Time: May 21 15:24:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 14:56:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	263519	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	1048128	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	520048	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	969416	20.00	ng		0.00
76) Chrysene-d12	13.75	240	617363	20.00	ng		0.00
87) Perylene-d12	15.13	264	566273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1384769	102.25	ng		0.02
7) Phenol-d6	6.25	99	1863303	108.79	ng		0.00
23) Nitrobenzene-d5	7.16	82	1129607	73.79	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	424538	100.12	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1979040	78.18	ng		0.00
79) Terphenyl-d14	12.70	244	2171264	77.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	229727	42.640	ng		99
3) Pyridine	2.94	79	472871	27.922	ng		94
4) n-Nitrosodimethylamine	2.89	42	256295	38.649	ng		91
6) Aniline	6.26	93	479558	21.894	ng	#	66
8) 2-Chlorophenol	6.38	128	583212	36.932	ng		95
9) Benzaldehyde	6.14	77	362608	34.343	ng		98
10) Phenol	6.26	94	720126	36.018	ng		80
11) bis(2-Chloroethyl)ether	6.33	93	532538	33.345	ng		99
12) 1,3-Dichlorobenzene	6.53	146	582768	34.488	ng		99
13) 1,4-Dichlorobenzene	6.60	146	600713	34.517	ng		99
14) 1,2-Dichlorobenzene	6.76	146	554413	35.375	ng		98
15) Benzyl Alcohol	6.75	79	441169	36.257	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	868942	34.525	ng		84
17) 2-Methylphenol	6.87	107	453273	34.002	ng		95
18) Hexachloroethane	7.09	117	224659	33.885	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	388467	34.621	ng		97
20) 3+4-Methylphenols	7.03	107	601147	34.684	ng		97
22) Acetophenone	7.01	105	788234	36.710	ng	#	98
24) Nitrobenzene	7.18	77	576278	34.978	ng		99
25) Isophorone	7.42	82	1087209	34.133	ng		99
26) 2-Nitrophenol	7.50	139	318269	36.937	ng		96
27) 2,4-Dimethylphenol	7.55	122	492776	39.314	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	690793	34.504	ng		99
29) 2,4-Dichlorophenol	7.75	162	479444	37.243	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	511691	35.869	ng		99
31) Naphthalene	7.90	128	1632368	36.901	ng		99
32) Benzoic acid	7.70	122	193187	23.514	ng		99
33) 4-Chloroaniline	7.96	127	338446	16.789	ng		99
34) Hexachlorobutadiene	8.02	225	290744	35.261	ng		95
35) Caprolactam	8.33	113	142758m	33.897	ng		
36) 4-Chloro-3-methylphenol	8.46	107	454276	32.620	ng		98
37) 2-Methylnaphthalene	8.59	142	1036638	34.244	ng		98
38) 1-Methylnaphthalene	8.69	142	971100	33.076	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	447581	34.132	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	310937	59.348	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	280178	31.831	ng		97
44) 2,4,5-Trichlorophenol	8.93	196	292008	28.887	ng		98
46) 1,1'-Biphenyl	9.06	154	1221393	35.845	ng		97
47) 2-Chloronaphthalene	9.07	162	916343	33.526	ng		99
48) 2-Nitroaniline	9.18	65	330681	33.159	ng		95
49) Acenaphthylene	9.49	152	1497332	35.863	ng		99
50) Dimethylphthalate	9.36	163	1078100	32.794	ng		99
51) 2,6-Dinitrotoluene	9.43	165	237600	32.383	ng		94
52) Acenaphthene	9.66	154	884552	35.345	ng		98
53) 3-Nitroaniline	9.60	138	157267	17.974	ng		98
54) 2,4-Dinitrophenol	9.72	184	195325	56.396	ng		92
55) Dibenzofuran	9.83	168	1282385	35.583	ng		99
56) 4-Nitrophenol	9.79	139	251822	53.562	ng	#	83
57) 2,4-Dinitrotoluene	9.83	165	292181	33.947	ng		93
58) Fluorene	10.17	166	989553	36.054	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	248327	32.643	ng		98
60) Diethylphthalate	10.06	149	1064241	33.532	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	484064	33.922	ng		95
62) 4-Nitroaniline	10.22	138	257119	31.557	ng		98
63) Azobenzene	10.33	77	1049082	34.974	ng		98
65) 4,6-Dinitro-2-methylphenol	10.25	198	167282	34.121	ng		100
66) n-Nitrosodiphenylamine	10.29	169	940415	35.064	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	296037	31.470	ng		98
68) Hexachlorobenzene	10.73	284	335847	34.126	ng	#	89
69) Atrazine	10.83	200	266102	33.158	ng		98
70) Pentachlorophenol	10.93	266	231329	55.268	ng		99
71) Phenanthrene	11.13	178	1448955	35.570	ng		100
72) Anthracene	11.19	178	1653931	37.927	ng		99
73) Carbazole	11.35	167	1462922	35.904	ng		97
74) Di-n-butylphthalate	11.68	149	1744354	35.522	ng		98
75) Fluoranthene	12.32	202	1670758	38.267	ng		98
77) Benzidine	12.45	184	687926	38.159	ng		95
78) Pyrene	12.55	202	1674981	38.057	ng		99
80) Butylbenzylphthalate	13.17	149	669630	32.311	ng		99
81) Benzo(a)anthracene	13.74	228	1189095	36.518	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	277187	22.589	ng		97
83) Chrysene	13.77	228	1267464	36.249	ng		98
84) Bis(2-ethylhexyl)phthalate	13.74	149	847897	32.884	ng		99
85) Di-n-octyl phthalate	14.35	149	1543429	33.273	ng		98
86) Indeno(1,2,3-cd)pyrene	16.44	276	952661	30.020	ng		98
88) Benzo(b)fluoranthene	14.75	252	1066900	34.499	ng		98
89) Benzo(k)fluoranthene	14.78	252	1111673	41.491	ng		99
90) Benzo(a)pyrene	15.08	252	970889	35.006	ng		99
91) Dibenzo(a,h)anthracene	16.45	278	801108	32.605	ng		98
92) Benzo(g,h,i)perylene	16.83	276	755659	30.499	ng		98

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

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