Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119745.D
Acq On : 4 Apr 2020 5:20
Operator : MA/SJ
Sample : L2129-26MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2MS

Manual Integrations APPROVED
mohammad
4/6/2020 1:39:08 PM

Quant Time: Apr 04 06:26:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184205	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	690008	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	336349	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	595790	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	345559	20.00	ng		-0.02
87) Perylene-d12	15.43	264	372575	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1771424	153.09	ng		0.02
7) Phenol-d6	6.45	99	2311155	156.35	ng		0.00
23) Nitrobenzene-d5	7.37	82	1431837	112.78	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	586196	168.93	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2560141	112.76	ng		0.00
79) Terphenyl-d14	12.93	244	2341752	132.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	247105	43.238	ng		99
3) Pyridine	3.35	79	692521	43.985	ng		93
4) n-Nitrosodimethylamine	3.30	42	359930	46.878	ng		94
6) Aniline	6.47	93	723916	35.485	ng		98
8) 2-Chlorophenol	6.59	128	718208	59.096	ng		97
9) Benzaldehyde	6.35	77	379166	40.436	ng		96
10) Phenol	6.46	94	883990	56.047	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	670684	53.168	ng		98
12) 1,3-Dichlorobenzene	6.75	146	709971	53.976	ng		97
13) 1,4-Dichlorobenzene	6.82	146	721739	54.857	ng		98
14) 1,2-Dichlorobenzene	6.98	146	670581	54.529	ng		98
15) Benzyl Alcohol	6.95	79	581874	52.331	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1154481	45.373	ng		98
17) 2-Methylphenol	7.06	107	567292	50.946	ng		97
18) Hexachloroethane	7.32	117	262897	54.526	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	468836	52.621	ng		97
20) 3+4-Methylphenols	7.22	107	677983	49.682	ng	#	83
22) Acetophenone	7.22	105	900328	54.607	ng	#	86
24) Nitrobenzene	7.39	77	715296	52.718	ng		99
25) Isophorone	7.63	82	1324069	51.411	ng		100
26) 2-Nitrophenol	7.71	139	368385	68.956	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	582750	52.754	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	833614	54.737	ng		100
29) 2,4-Dichlorophenol	7.95	162	557612	54.937	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	613470	54.652	ng		99
31) Naphthalene	8.12	128	1960066	55.200	ng		99
32) Benzoic acid	7.88	122	448824	63.163	ng		95
33) 4-Chloroaniline	8.16	127	298239	18.330	ng		99
34) Hexachlorobutadiene	8.23	225	343930	54.762	ng		97
35) Caprolactam	8.55	113	182836m	55.040	ng		
36) 4-Chloro-3-methylphenol	8.65	107	598262	53.929	ng		99
37) 2-Methylnaphthalene	8.81	142	1302063	55.873	ng		98
38) 1-Methylnaphthalene	8.90	142	1216768	55.163	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	563551	57.163	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	411786	73.471	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	405559	57.485	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	409348	51.794	ng		96
46) 1,1'-Biphenyl	9.27	154	1518687	55.439	ng		98
47) 2-Chloronaphthalene	9.30	162	1184421	55.197	ng		98
48) 2-Nitroaniline	9.39	65	417050	56.309	ng		96
49) Acenaphthylene	9.72	152	1837521	54.531	ng		98
50) Dimethylphthalate	9.57	163	1607503	67.285	ng		100
51) 2,6-Dinitrotoluene	9.63	165	306818	59.915	ng		90
52) Acenaphthene	9.89	154	1161619	55.296	ng		98
53) 3-Nitroaniline	9.80	138	196617	30.412	ng		99
54) 2,4-Dinitrophenol	9.90	184	118694	55.970	ng	#	87
55) Dibenzofuran	10.06	168	1635723	54.309	ng		100
56) 4-Nitrophenol	9.97	139	481732	94.456	ng		95
57) 2,4-Dinitrotoluene	10.04	165	391896	60.750	ng		95
58) Fluorene	10.40	166	1249423	56.097	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	328455	55.599	ng		98
60) Diethylphthalate	10.27	149	1365651	56.320	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	596303	54.749	ng		98
62) 4-Nitroaniline	10.42	138	275278	44.403	ng		99
63) Azobenzene	10.55	77	1295024	53.036	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	95250	38.126	ng		95
66) n-Nitrosodiphenylamine	10.51	169	1142305	58.403	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	383663	56.543	ng		99
68) Hexachlorobenzene	10.95	284	407227	58.639	ng	#	91
69) Atrazine	11.04	200	330446	61.627	ng		100
70) Pentachlorophenol	11.15	266	400603	98.380	ng		96
71) Phenanthrene	11.36	178	1776233	57.496	ng		99
72) Anthracene	11.42	178	1748588	55.691	ng		98
73) Carbazole	11.57	167	1523312	49.016	ng		99
74) Di-n-butylphthalate	11.90	149	2016485	60.655	ng		100
75) Fluoranthene	12.55	202	1758223	52.588	ng		98
77) Benzidine	12.67	184	832045	56.895	ng		98
78) Pyrene	12.78	202	1714724	60.463	ng		98
80) Butylbenzylphthalate	13.40	149	710412	61.935	ng		98
81) Benzo(a)anthracene	13.97	228	1303024	57.986	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	453415	51.175	ng		100
83) Chrysene	14.00	228	1288157	55.545	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	913855	66.834	ng	#	97
85) Di-n-octyl phthalate	14.57	149	1532522	63.729	ng		98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1319411	60.408	ng		99
88) Benzo(b)fluoranthene	15.01	252	1389688	55.838	ng		99
89) Benzo(k)fluoranthene	15.04	252	1305314	55.080	ng		100
90) Benzo(a)pyrene	15.37	252	1267304	56.031	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	1093892	55.294	ng		100
92) Benzo(g,h,i)perylene	17.32	276	1064226	53.547	ng		97

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

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