Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117773.D
Acq On : 12 Nov 2019 21:26
Operator : JU
Sample : K5746-07MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-COMPMSD

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:44 PM

Quant Time: Nov 13 12:19:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276839	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1051577	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	488092	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	777341	20.00	ng		0.00
76) Chrysene-d12	14.12	240	637431	20.00	ng		0.00
87) Perylene-d12	15.63	264	731344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1791365	117.13	ng		0.02
7) Phenol-d6	6.55	99	2153097	114.18	ng		0.00
23) Nitrobenzene-d5	7.49	82	1395722	78.36	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	515474	107.96	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2460148	99.45	ng		0.00
79) Terphenyl-d14	13.06	244	2182302	70.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	260818	34.227	ng	#	83
3) Pyridine	3.66	79	550285	26.253	ng		99
4) n-Nitrosodimethylamine	3.59	42	347603	37.632	ng		96
6) Aniline	6.59	93	133772	5.055	ng		99
8) 2-Chlorophenol	6.72	128	706499	41.526	ng		96
9) Benzaldehyde	6.47	77	18041	1.375	ng		95
10) Phenol	6.56	94	792815	39.017	ng		92
11) bis(2-Chloroethyl)ether	6.66	93	666621	39.729	ng		99
12) 1,3-Dichlorobenzene	6.87	146	782465	39.676	ng		99
13) 1,4-Dichlorobenzene	6.95	146	797786	40.412	ng		98
14) 1,2-Dichlorobenzene	7.10	146	744158	40.940	ng		99
15) Benzyl Alcohol	7.06	79	529405	35.210	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	952327	35.896	ng		99
17) 2-Methylphenol	7.17	107	590123	40.386	ng		98
18) Hexachloroethane	7.44	117	277838	38.075	ng		99
19) n-Nitroso-di-n-propylamine	7.34	70	465653	37.555	ng		97
20) 3+4-Methylphenols	7.33	107	702367	40.368	ng	#	87
22) Acetophenone	7.33	105	947862	39.438	ng	#	94
24) Nitrobenzene	7.51	77	746202	40.120	ng		98
25) Isophorone	7.75	82	1285006	37.720	ng		99
26) 2-Nitrophenol	7.83	139	370156	42.869	ng		99
27) 2,4-Dimethylphenol	7.86	122	626282	43.015	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	796030	36.401	ng		100
29) 2,4-Dichlorophenol	8.07	162	579284	38.619	ng		96
30) 1,2,4-Trichlorobenzene	8.15	180	660213	38.448	ng		99
31) Naphthalene	8.23	128	2025334	42.137	ng		99
32) Benzoic acid	7.97	122	423254m	36.725	ng		
33) 4-Chloroaniline	8.29	127	58744	2.630	ng		98
34) Hexachlorobutadiene	8.35	225	375239	38.159	ng		98
35) Caprolactam	8.64	113	142944m	28.752	ng		
36) 4-Chloro-3-methylphenol	8.76	107	558038	36.868	ng		99
37) 2-Methylnaphthalene	8.93	142	1328810	40.609	ng		98
38) 1-Methylnaphthalene	9.03	142	1246872	40.126	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	581585	43.555	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	327361	45.443	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	417537	42.934	ng		100
44) 2,4,5-Trichlorophenol	9.25	196	385820	39.139	ng		99
46) 1,1'-Biphenyl	9.39	154	1532512	44.831	ng		99
47) 2-Chloronaphthalene	9.42	162	1178866	41.556	ng		99
48) 2-Nitroaniline	9.51	65	321244	36.136	ng		99
49) Acenaphthylene	9.84	152	1771766	42.887	ng		98
50) Dimethylphthalate	9.69	163	1337678	40.540	ng		98
51) 2,6-Dinitrotoluene	9.75	165	292471	39.583	ng	#	86
52) Acenaphthene	10.01	154	1110722	41.665	ng		99
53) 3-Nitroaniline	9.92	138	81083	9.096	ng		94
54) 2,4-Dinitrophenol	10.03	184	147786	58.342	ng		98
55) Dibenzofuran	10.18	168	1514145	40.591	ng		98
56) 4-Nitrophenol	10.07	139	452981	67.570	ng		90
57) 2,4-Dinitrotoluene	10.16	165	358478	37.821	ng		97
58) Fluorene	10.53	166	1094645	39.816	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	304806	37.196	ng		97
60) Diethylphthalate	10.39	149	1242999	38.304	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	563070	39.344	ng		100
62) 4-Nitroaniline	10.53	138	182487	20.799	ng		96
63) Azobenzene	10.67	77	1088954	35.430	ng		95
65) 4,6-Dinitro-2-methylphenol	10.56	198	106941	34.453	ng		92
66) n-Nitrosodiphenylamine	10.63	169	808104	35.198	ng		100
67) 4-Bromophenyl-phenylether	11.01	248	334164	39.362	ng		99
68) Hexachlorobenzene	11.07	284	374271	38.163	ng	#	88
69) Atrazine	11.16	200	207281	27.398	ng		97
70) Pentachlorophenol	11.27	266	423157	77.185	ng		97
71) Phenanthrene	11.49	178	1531661	41.108	ng		99
72) Anthracene	11.55	178	1550105	41.817	ng		98
73) Carbazole	11.70	167	1224465	36.134	ng		97
74) Di-n-butylphthalate	12.03	149	1646850	39.967	ng		99
75) Fluoranthene	12.69	202	1550739	40.761	ng		99
77) Benzidine	12.80	184	32261	1.456	ng		97
78) Pyrene	12.92	202	1599260	34.369	ng		98
80) Butylbenzylphthalate	13.53	149	702094	32.666	ng		99
81) Benzo(a)anthracene	14.11	228	1622522	40.893	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	155973	10.525	ng		99
83) Chrysene	14.14	228	1559734	39.806	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	947411	34.172	ng	#	98
85) Di-n-octyl phthalate	14.72	149	1766325	40.486	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1437943	39.428	ng		99
88) Benzo(b)fluoranthene	15.19	252	1772601	38.484	ng		99
89) Benzo(k)fluoranthene	15.22	252	1636709	39.840	ng		99
90) Benzo(a)pyrene	15.57	252	1507487	37.754	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1243646	34.728	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1112969	32.069	ng		99

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

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