Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120071.D
Acq On : 17 Apr 2020 20:44
Operator : MA/SJ
Sample : L2198-12MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Manual Integrations APPROVED
mohammad
4/21/2020 8:22:53 AM

Quant Time: Apr 18 04:42:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 10:51:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163442	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	614312	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	278517	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	407644	20.00	ng		0.00
76) Chrysene-d12	13.90	240	262769	20.00	ng		0.00
87) Perylene-d12	15.33	264	219213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	855794	90.49	ng		0.02
7) Phenol-d6	6.38	99	1085138	89.05	ng		0.01
23) Nitrobenzene-d5	7.30	82	676900	57.00	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	193973	56.88	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1299256	66.23	ng		0.00
79) Terphenyl-d14	12.85	244	925465	59.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	216376	51.367	ng		98
3) Pyridine	3.18	79	621883	53.809	ng		99
4) n-Nitrosodimethylamine	3.14	42	360403	61.034	ng		96
6) Aniline	6.39	93	605501	37.856	ng	#	1
8) 2-Chlorophenol	6.52	128	704493	66.669	ng		97
9) Benzaldehyde	6.27	77	314323	59.221	ng		99
10) Phenol	6.39	94	863179	62.434	ng		92
11) bis(2-Chloroethyl)ether	6.47	93	680556	63.753	ng		99
12) 1,3-Dichlorobenzene	6.67	146	710575	61.422	ng		98
13) 1,4-Dichlorobenzene	6.75	146	715819	60.742	ng		100
14) 1,2-Dichlorobenzene	6.90	146	665922	61.315	ng		97
15) Benzyl Alcohol	6.88	79	564629	59.653	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1153733	55.541	ng		86
17) 2-Methylphenol	7.00	107	550418	58.367	ng		93
18) Hexachloroethane	7.24	117	244850	55.595	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	487444	62.202	ng		98
20) 3+4-Methylphenols	7.16	107	674128	58.450	ng	#	73
22) Acetophenone	7.15	105	921913	64.087	ng	#	96
24) Nitrobenzene	7.32	77	720360	60.305	ng		97
25) Isophorone	7.56	82	1343692	58.701	ng		99
26) 2-Nitrophenol	7.63	139	302989	50.770	ng		99
27) 2,4-Dimethylphenol	7.68	122	562394	62.483	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	864638	64.191	ng		99
29) 2,4-Dichlorophenol	7.88	162	538204	58.336	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	602749	57.659	ng		100
31) Naphthalene	8.04	128	1881680	58.219	ng		99
32) Benzoic acid	7.82	122	246381	31.168	ng		99
33) 4-Chloroaniline	8.09	127	279198	19.843	ng		99
34) Hexachlorobutadiene	8.16	225	351834	56.224	ng		99
35) Caprolactam	8.49	113	153459m	54.376	ng		
36) 4-Chloro-3-methylphenol	8.59	107	549400	55.003	ng		95
37) 2-Methylnaphthalene	8.73	142	1251130	57.097	ng		98
38) 1-Methylnaphthalene	8.83	142	1172294	56.760	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	549852	62.506	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	149894	29.966	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	357069	58.781	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	339839	49.671	ng		97
46) 1,1'-Biphenyl	9.20	154	1447265	61.564	ng		97
47) 2-Chloronaphthalene	9.22	162	1105883	61.066	ng		97
48) 2-Nitroaniline	9.32	65	389461	59.345	ng		97
49) Acenaphthylene	9.64	152	1614967	58.638	ng		99
50) Dimethylphthalate	9.51	163	1549530	71.928	ng		98
51) 2,6-Dinitrotoluene	9.57	165	263824	55.924	ng		89
52) Acenaphthene	9.81	154	1002412m	54.562	ng		
53) 3-Nitroaniline	9.73	138	229472	42.590	ng		96
54) 2,4-Dinitrophenol	9.84	184	32176	11.392	ng		91
55) Dibenzofuran	9.98	168	1442718	57.226	ng		98
56) 4-Nitrophenol	9.91	139	302535	75.467	ng		92
57) 2,4-Dinitrotoluene	9.97	165	311012	50.039	ng		93
58) Fluorene	10.33	166	1057885	52.468	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	243608	46.555	ng		98
60) Diethylphthalate	10.20	149	1335098	59.795	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	544542	52.695	ng		96
62) 4-Nitroaniline	10.35	138	261909	51.008	ng		99
63) Azobenzene	10.47	77	1140205	56.982	ng		98
65) 4,6-Dinitro-2-methylphenol	10.38	198	28152	10.483	ng		99
66) n-Nitrosodiphenylamine	10.44	169	983438	72.540	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	317236	62.578	ng		95
68) Hexachlorobenzene	10.87	284	310266	60.331	ng		98
69) Atrazine	10.97	200	251775	66.748	ng		96
70) Pentachlorophenol	11.07	266	237645	80.186	ng		98
71) Phenanthrene	11.29	178	1307156	60.251	ng		99
72) Anthracene	11.34	178	1325393	59.802	ng		99
73) Carbazole	11.49	167	1175533	56.088	ng		99
74) Di-n-butylphthalate	11.83	149	1807874	65.616	ng		100
75) Fluoranthene	12.47	202	1247397	53.287	ng		98
77) Benzidine	12.59	184	427681	48.150	ng		96
78) Pyrene	12.70	202	1243020	56.113	ng		99
80) Butylbenzylphthalate	13.32	149	599995	55.819	ng		97
81) Benzo(a)anthracene	13.89	228	1056547	61.119	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	325227	50.423	ng		98
83) Chrysene	13.93	228	1046636	59.587	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	847719	58.238	ng	#	98
85) Di-n-octyl phthalate	14.50	149	1455156	58.713	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	814088	52.579	ng		97
88) Benzo(b)fluoranthene	14.92	252	951027	60.307	ng		99
89) Benzo(k)fluoranthene	14.95	252	946395	69.555	ng		98
90) Benzo(a)pyrene	15.27	252	802954	60.559	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	693202	59.022	ng		99
92) Benzo(g,h,i)perylene	17.15	276	650431	56.104	ng		97

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

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