Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120011.D
Acq On : 16 Apr 2020 00:10
Operator : MA/SJ
Sample : L2244-12MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:57 PM

Quant Time: Apr 16 04:58:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175204	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	678204	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	352479	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	669547	20.00	ng		0.00
76) Chrysene-d12	13.90	240	426643	20.00	ng		0.00
87) Perylene-d12	15.32	264	357457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1670076	164.73	ng		0.01
7) Phenol-d6	6.37	99	2161913	165.49	ng		0.00
23) Nitrobenzene-d5	7.30	82	1364531	104.09	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	582492	134.98	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2594599	104.51	ng		0.00
79) Terphenyl-d14	12.84	244	2750942	108.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	222046	49.174	ng		94
3) Pyridine	3.14	79	594767	48.008	ng		99
4) n-Nitrosodimethylamine	3.10	42	326261	51.543	ng		93
6) Aniline	6.39	93	659626	38.471	ng		99
8) 2-Chlorophenol	6.51	128	672021	59.327	ng		98
9) Benzaldehyde	6.27	77	302298	45.977	ng		97
10) Phenol	6.38	94	834731	56.324	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	637531	55.714	ng		99
12) 1,3-Dichlorobenzene	6.67	146	664287	53.566	ng		98
13) 1,4-Dichlorobenzene	6.75	146	672612	53.244	ng		98
14) 1,2-Dichlorobenzene	6.90	146	626236	53.790	ng		98
15) Benzyl Alcohol	6.87	79	528665	52.104	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1097564	49.290	ng		97
17) 2-Methylphenol	6.99	107	537392	53.160	ng		98
18) Hexachloroethane	7.24	117	257941	54.635	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	463169	55.137	ng		95
20) 3+4-Methylphenols	7.15	107	659628	53.353	ng		96
22) Acetophenone	7.14	105	882064	55.541	ng	#	98
24) Nitrobenzene	7.32	77	687283	52.115	ng		99
25) Isophorone	7.56	82	1307065	51.721	ng		99
26) 2-Nitrophenol	7.63	139	369445	56.073	ng		97
27) 2,4-Dimethylphenol	7.67	122	563292	56.687	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	822144	55.286	ng		100
29) 2,4-Dichlorophenol	7.87	162	553526	54.345	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	597125	51.740	ng		98
31) Naphthalene	8.03	128	1891767	53.017	ng		100
32) Benzoic acid	7.79	122	219376	25.138	ng		100
33) 4-Chloroaniline	8.08	127	293202	18.875	ng		99
34) Hexachlorobutadiene	8.15	225	342703	49.606	ng		99
35) Caprolactam	8.47	113	152285m	48.877	ng		
36) 4-Chloro-3-methylphenol	8.58	107	599549	54.369	ng		94
37) 2-Methylnaphthalene	8.73	142	1298304	53.668	ng		99
38) 1-Methylnaphthalene	8.83	142	1222332	53.607	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	576511	51.785	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	586167	92.594	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	414704	53.944	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	427660	49.391	ng		97
46) 1,1'-Biphenyl	9.19	154	1564295	52.579	ng		98
47) 2-Chloronaphthalene	9.22	162	1214939	53.011	ng		98
48) 2-Nitroaniline	9.32	65	424243	51.080	ng		97
49) Acenaphthylene	9.63	152	1863374	53.461	ng		99
50) Dimethylphthalate	9.50	163	1591368	58.369	ng		99
51) 2,6-Dinitrotoluene	9.56	165	314810	52.729	ng		88
52) Acenaphthene	9.80	154	1123909	48.339	ng		99
53) 3-Nitroaniline	9.73	138	183255	26.876	ng		97
54) 2,4-Dinitrophenol	9.83	184	125244	35.039	ng		95
55) Dibenzofuran	9.98	168	1656494	51.918	ng		99
56) 4-Nitrophenol	9.90	139	497563	98.072	ng		92
57) 2,4-Dinitrotoluene	9.97	165	412930	52.496	ng		96
58) Fluorene	10.32	166	1285866	50.393	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	348043	52.557	ng		98
60) Diethylphthalate	10.20	149	1440994	50.996	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	619949	47.403	ng		98
62) 4-Nitroaniline	10.35	138	330470	50.855	ng		97
63) Azobenzene	10.47	77	1371076	54.142	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	131610	29.837	ng		90
66) n-Nitrosodiphenylamine	10.44	169	1189975	53.441	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	393445	47.252	ng		96
68) Hexachlorobenzene	10.87	284	418829	49.584	ng		99
69) Atrazine	10.97	200	355559	57.391	ng		98
70) Pentachlorophenol	11.06	266	353474	72.615	ng		99
71) Phenanthrene	11.28	178	1858373	52.152	ng		98
72) Anthracene	11.33	178	1920763	52.765	ng		99
73) Carbazole	11.49	167	1747946	50.776	ng		99
74) Di-n-butylphthalate	11.83	149	2244311	49.593	ng		99
75) Fluoranthene	12.47	202	2006424	52.185	ng		99
77) Benzidine	12.59	184	819891	56.851	ng		97
78) Pyrene	12.70	202	1971097	54.803	ng		99
80) Butylbenzylphthalate	13.32	149	914437	52.396	ng		100
81) Benzo(a)anthracene	13.89	228	1485904	52.941	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	272249	25.996	ng		96
83) Chrysene	13.93	228	1547887	54.276	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1175980	49.758	ng		100
85) Di-n-octyl phthalate	14.50	149	1978428	49.165	ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1269807	50.511	ng		98
88) Benzo(b)fluoranthene	14.91	252	1402906m	54.557	ng		
89) Benzo(k)fluoranthene	14.94	252	1185998m	53.455	ng		
90) Benzo(a)pyrene	15.26	252	1159433	53.626	ng		100
91) Dibenzo(a,h)anthracene	16.72	278	1055880	55.133	ng	#	96
92) Benzo(g,h,i)perylene	17.13	276	1054255	55.767	ng		97

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

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