Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120070.D
Acq On : 17 Apr 2020 20:16
Operator : MA/SJ
Sample : L2198-12MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/21/2020 8:22:50 AM

Quant Time: Apr 18 04:39:21 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	167323	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	617216	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	282434	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	413703	20.00	ng		0.00
76) Chrysene-d12	13.90	240	202116	20.00	ng		0.00
87) Perylene-d12	15.33	264	180856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	941946	97.29	ng		0.02
7) Phenol-d6	6.38	99	1212636	97.20	ng		0.01
23) Nitrobenzene-d5	7.30	82	755656	63.34	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	224030	64.79	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1433737	72.07	ng		0.00
79) Terphenyl-d14	12.85	244	977448	81.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	196556	45.580	ng		97
3) Pyridine	3.17	79	603287	50.989	ng		99
4) n-Nitrosodimethylamine	3.14	42	355448	58.799	ng		100
6) Aniline	6.39	93	610669	37.294	ng	#	1
8) 2-Chlorophenol	6.52	128	695537	64.295	ng		96
9) Benzaldehyde	6.27	77	312691	54.752	ng		97
10) Phenol	6.39	94	856736	60.531	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	678514	62.088	ng		99
12) 1,3-Dichlorobenzene	6.67	146	697225	58.870	ng		99
13) 1,4-Dichlorobenzene	6.75	146	703117	58.280	ng		98
14) 1,2-Dichlorobenzene	6.90	146	668582	60.132	ng		97
15) Benzyl Alcohol	6.88	79	562758	58.077	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1146742	53.924	ng		95
17) 2-Methylphenol	7.00	107	547265	56.687	ng		94
18) Hexachloroethane	7.24	117	242999	53.895	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	483940	60.323	ng		99
20) 3+4-Methylphenols	7.16	107	667480	56.531	ng	#	74
22) Acetophenone	7.15	105	917245	63.463	ng	#	96
24) Nitrobenzene	7.32	77	707387	58.940	ng		98
25) Isophorone	7.56	82	1326196	57.664	ng		99
26) 2-Nitrophenol	7.63	139	292526	48.786	ng		95
27) 2,4-Dimethylphenol	7.68	122	563375	62.298	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	854893	63.169	ng		99
29) 2,4-Dichlorophenol	7.88	162	531270	57.313	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	594794	56.630	ng		99
31) Naphthalene	8.04	128	1875144	57.744	ng		99
32) Benzoic acid	7.82	122	239982	30.216	ng		97
33) 4-Chloroaniline	8.09	127	269516	19.065	ng		99
34) Hexachlorobutadiene	8.16	225	346852	55.167	ng		98
35) Caprolactam	8.49	113	154827m	54.603	ng		
36) 4-Chloro-3-methylphenol	8.59	107	556769	55.478	ng		98
37) 2-Methylnaphthalene	8.73	142	1241212	56.378	ng		98
38) 1-Methylnaphthalene	8.83	142	1156087	55.712	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	555853	62.312	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	128762	25.384	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	354591	57.564	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	350812	50.564	ng		93
46) 1,1'-Biphenyl	9.20	154	1448391	60.757	ng		98
47) 2-Chloronaphthalene	9.22	162	1106446	60.250	ng		97
48) 2-Nitroaniline	9.32	65	395558	59.438	ng		97
49) Acenaphthylene	9.64	152	1622999	58.112	ng		100
50) Dimethylphthalate	9.51	163	1563091	71.551	ng		99
51) 2,6-Dinitrotoluene	9.57	165	261427	54.647	ng		92
52) Acenaphthene	9.81	154	984670	52.853	ng		99
53) 3-Nitroaniline	9.73	138	234696	42.956	ng		92
54) 2,4-Dinitrophenol	9.84	184	28306	9.883	ng		93
55) Dibenzofuran	9.98	168	1434237	56.101	ng		98
56) 4-Nitrophenol	9.91	139	299470	73.666	ng		98
57) 2,4-Dinitrotoluene	9.97	165	307175	48.736	ng		96
58) Fluorene	10.33	166	1066028	52.139	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	246551	46.464	ng		98
60) Diethylphthalate	10.20	149	1359285	60.034	ng		100
61) 4-Chlorophenyl-phenylether	10.32	204	547912	52.285	ng		95
62) 4-Nitroaniline	10.35	138	266147	51.114	ng		98
63) Azobenzene	10.48	77	1148141	56.583	ng		94
65) 4,6-Dinitro-2-methylphenol	10.38	198	24785	9.094	ng		96
66) n-Nitrosodiphenylamine	10.44	169	996306	72.413	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	315724	61.367	ng		94
68) Hexachlorobenzene	10.87	284	313575	60.081	ng		99
69) Atrazine	10.97	200	255245	66.677	ng		98
70) Pentachlorophenol	11.07	266	240352	79.912	ng		98
71) Phenanthrene	11.29	178	1301498	59.111	ng		98
72) Anthracene	11.34	178	1316015	58.509	ng		99
73) Carbazole	11.49	167	1164567	54.751	ng		99
74) Di-n-butylphthalate	11.83	149	1759261	62.916	ng		100
75) Fluoranthene	12.47	202	1187193	49.973	ng		99
77) Benzidine	12.60	184	389818	57.057	ng		95
78) Pyrene	12.70	202	1166907	68.485	ng		100
80) Butylbenzylphthalate	13.33	149	547837	66.261	ng		93
81) Benzo(a)anthracene	13.89	228	822584	61.865	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	245895	49.563	ng		98
83) Chrysene	13.93	228	807336	59.757	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	682732	60.979	ng	#	97
85) Di-n-octyl phthalate	14.50	149	1214389	63.702	ng		100
86) Indeno(1,2,3-cd)pyrene	16.73	276	616876	51.798	ng		98
88) Benzo(b)fluoranthene	14.92	252	719207	55.280	ng		99
89) Benzo(k)fluoranthene	14.95	252	758678	67.585	ng		98
90) Benzo(a)pyrene	15.27	252	643210	58.799	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	519484	53.612	ng		96
92) Benzo(g,h,i)perylene	17.14	276	480453	50.232	ng		97

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

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