Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120931.D
Acq On : 20 Jul 2020 14:07
Operator : JU/CG
Sample : SP5204
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP5204

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:34 AM

Quant Time: Jul 20 15:14:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	182916	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	710269	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	384922	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	754508	20.00	ng		0.00
76) Chrysene-d12	13.98	240	578177	20.00	ng		0.00
86) Perylene-d12	15.43	264	611387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	250713	48.823	ng		100
3) Pyridine	3.38	79	560969	41.065	ng		99
4) n-Nitrosodimethylamine	3.33	42	274729	47.032	ng		94
6) Aniline	6.47	93	682331	36.267	ng		99
8) 2-Chlorophenol	6.60	128	603648	49.110	ng		99
9) Benzaldehyde	6.36	77	438062	85.645	ng		99
10) Phenol	6.46	94	767270	48.394	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	558811	45.989	ng		98
12) 1,3-Dichlorobenzene	6.76	146	603465	45.276	ng		98
13) 1,4-Dichlorobenzene	6.83	146	608857	45.939	ng		99
14) 1,2-Dichlorobenzene	6.99	146	586129	46.747	ng		99
15) Benzyl Alcohol	6.96	79	485828	47.664	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796241	45.464	ng		100
17) 2-Methylphenol	7.07	107	477875	43.864	ng		99
18) Hexachloroethane	7.33	117	229991	47.945	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	354481	43.252	ng		99
20) 3+4-Methylphenols	7.22	107	523684	37.787	ng	#	88
22) Acetophenone	7.23	105	715234	44.869	ng		95
24) Nitrobenzene	7.40	77	600140	45.362	ng		97
25) Isophorone	7.64	82	1124261	45.892	ng		98
26) 2-Nitrophenol	7.72	139	322103	51.263	ng		99
27) 2,4-Dimethylphenol	7.76	122	530370	51.988	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	713026	47.681	ng		99
29) 2,4-Dichlorophenol	7.96	162	498225	47.793	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	533999	46.170	ng		99
31) Naphthalene	8.12	128	1642326	45.077	ng		99
32) Benzoic acid	7.89	122	431293	56.319	ng		95
33) 4-Chloroaniline	8.17	127	482455	29.685	ng		99
34) Hexachlorobutadiene	8.24	225	301703	44.250	ng		99
35) Caprolactam	8.55	113	162281m	48.543	ng		
36) 4-Chloro-3-methylphenol	8.66	107	517979	48.448	ng		98
37) 2-Methylnaphthalene	8.82	142	1122760	47.461	ng		99
38) 1-Methylnaphthalene	8.91	142	1064451	47.510	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	483725	43.132	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	611698	98.688	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	377157	47.763	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	385507	43.039	ng		96
46) 1,1'-Biphenyl	9.28	154	1336744	45.527	ng		99
47) 2-Chloronaphthalene	9.30	162	1037760	43.350	ng		98
48) 2-Nitroaniline	9.40	65	334575	46.247	ng		98
49) Acenaphthylene	9.72	152	1685504	45.322	ng		100
50) Dimethylphthalate	9.59	163	1254865	45.188	ng		100
51) 2,6-Dinitrotoluene	9.64	165	286201	47.971	ng		97
52) Acenaphthene	9.89	154	1141308m	48.270	ng		
53) 3-Nitroaniline	9.81	138	227010	30.339	ng		99
54) 2,4-Dinitrophenol	9.92	184	308302	88.942	ng		88
55) Dibenzofuran	10.06	168	1479263	43.264	ng		100
56) 4-Nitrophenol	9.97	139	538353	94.715	ng		99
57) 2,4-Dinitrotoluene	10.05	165	380172	48.524	ng		93
58) Fluorene	10.40	166	1052433	41.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	335690	49.223	ng		98
60) Diethylphthalate	10.28	149	1246948	44.394	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	521490	38.341	ng		97
62) 4-Nitroaniline	10.43	138	312575	42.885	ng		95
63) Azobenzene	10.56	77	1167829	43.673	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	205875	47.214	ng		97
66) n-Nitrosodiphenylamine	10.52	169	1053759	44.396	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	365398	43.437	ng		94
68) Hexachlorobenzene	10.95	284	406649	44.688	ng		95
69) Atrazine	11.05	200	309128	52.589	ng		98
70) Pentachlorophenol	11.15	266	490817	94.150	ng		100
71) Phenanthrene	11.37	178	1657325	42.709	ng		99
72) Anthracene	11.42	178	1722224	44.199	ng		99
73) Carbazole	11.57	167	1623766	41.991	ng		99
74) Di-n-butylphthalate	11.90	149	1956447	43.842	ng		99
75) Fluoranthene	12.55	202	1858847	43.217	ng		99
77) Benzidine	12.67	184	1304879	85.840	ng		99
78) Pyrene	12.78	202	1901867	46.526	ng		99
80) Butylbenzylphthalate	13.40	149	864837	47.460	ng		96
81) Benzo(a)anthracene	13.97	228	1499172	42.819	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	531921	40.270	ng		99
83) Chrysene	14.01	228	1602462	43.553	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	995796	44.316	ng	#	100
85) Di-n-octyl phthalate	14.57	149	2013079	45.030	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1704236	40.081	ng		100
88) Benzo(b)fluoranthene	15.01	252	1827849	49.460	ng		99
89) Benzo(k)fluoranthene	15.04	252	1456125	43.204	ng		99
90) Benzo(a)pyrene	15.37	252	1540572	45.691	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1423433	40.983	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1373289	40.101	ng		99

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

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