Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120100.D
Acq On : 21 Apr 2020 13:57
Operator : MA/SJ
Sample : PB128341BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128341BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:16:57 AM

Quant Time: Apr 21 14:32:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	117049	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	446581	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	232920	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	458932	20.00	ng		0.00
76) Chrysene-d12	13.87	240	348323	20.00	ng		0.00
87) Perylene-d12	15.28	264	303463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	993655	146.71	ng		0.01
7) Phenol-d6	6.34	99	1255957	143.91	ng		0.00
23) Nitrobenzene-d5	7.26	82	759136	87.94	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	335239	117.56	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1483133	90.41	ng		0.00
79) Terphenyl-d14	12.82	244	1649517	79.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	134291	44.516	ng		95
3) Pyridine	3.07	79	372821	45.045	ng		97
4) n-Nitrosodimethylamine	3.02	42	212495	50.249	ng		99
6) Aniline	6.36	93	359454	31.381	ng	#	64
8) 2-Chlorophenol	6.48	128	391126	51.684	ng		99
9) Benzaldehyde	6.24	77	160565	31.117	ng		97
10) Phenol	6.35	94	496214	50.117	ng		88
11) bis(2-Chloroethyl)ether	6.43	93	365452	47.804	ng		99
12) 1,3-Dichlorobenzene	6.63	146	401254	48.432	ng		98
13) 1,4-Dichlorobenzene	6.71	146	401360	47.557	ng		98
14) 1,2-Dichlorobenzene	6.86	146	377676	48.558	ng		97
15) Benzyl Alcohol	6.84	79	333771	49.240	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650220	43.709	ng		98
17) 2-Methylphenol	6.96	107	318895	47.220	ng		96
18) Hexachloroethane	7.20	117	151377	47.994	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	269428	48.009	ng		99
20) 3+4-Methylphenols	7.12	107	402100	48.682	ng	#	80
22) Acetophenone	7.11	105	525398	50.241	ng		99
24) Nitrobenzene	7.28	77	410628	47.287	ng		99
25) Isophorone	7.52	82	732794	44.037	ng		100
26) 2-Nitrophenol	7.60	139	215055	49.570	ng		94
27) 2,4-Dimethylphenol	7.65	122	333042	50.899	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	463051	47.289	ng		99
29) 2,4-Dichlorophenol	7.85	162	321095	47.875	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	342932	45.126	ng		98
31) Naphthalene	8.00	128	1126180	47.931	ng		99
32) Benzoic acid	7.78	122	244781	42.596	ng		96
33) 4-Chloroaniline	8.05	127	160074	15.649	ng		96
34) Hexachlorobutadiene	8.12	225	198866	43.715	ng		99
35) Caprolactam	8.43	113	102062m	49.747	ng		
36) 4-Chloro-3-methylphenol	8.55	107	353806	48.725	ng		94
37) 2-Methylnaphthalene	8.70	142	764677	48.004	ng		98
38) 1-Methylnaphthalene	8.79	142	715845	47.678	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	331096	45.007	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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QLast Update : Tue Apr 21 13:48:22 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	345326	82.550	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	236141	46.484	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	244564	42.743	ng	96
46) 1,1'-Biphenyl	9.16	154	908482	46.210	ng	99
47) 2-Chloronaphthalene	9.19	162	708548	46.785	ng	98
48) 2-Nitroaniline	9.29	65	256115	46.666	ng	97
49) Acenaphthylene	9.60	152	1130071	49.064	ng	100
50) Dimethylphthalate	9.47	163	815312	45.255	ng	100
51) 2,6-Dinitrotoluene	9.53	165	185543	47.030	ng	98
52) Acenaphthene	9.77	154	672356	43.761	ng	99
53) 3-Nitroaniline	9.69	138	106719	23.685	ng	98
54) 2,4-Dinitrophenol	9.81	184	215257	91.133	ng	97
55) Dibenzofuran	9.95	168	1011848	47.992	ng	99
56) 4-Nitrophenol	9.87	139	311781	92.998	ng	95
57) 2,4-Dinitrotoluene	9.93	165	247070	47.533	ng	91
58) Fluorene	10.29	166	799861	47.437	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.07	232	206013	47.078	ng	99
60) Diethylphthalate	10.17	149	827379	44.310	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	375584	43.460	ng	98
62) 4-Nitroaniline	10.32	138	203403	47.368	ng	99
63) Azobenzene	10.44	77	798213	47.700	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	143784	47.556	ng	85
66) n-Nitrosodiphenylamine	10.40	169	714277	46.799	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	226718	39.724	ng	93
68) Hexachlorobenzene	10.83	284	250608	43.284	ng	96
69) Atrazine	10.93	200	211807	49.877	ng	98
70) Pentachlorophenol	11.03	266	257941	77.308	ng	99
71) Phenanthrene	11.25	178	1167649	47.806	ng	99
72) Anthracene	11.30	178	1205775	48.325	ng	99
73) Carbazole	11.46	167	1122417	47.568	ng	99
74) Di-n-butylphthalate	11.79	149	1298828	41.872	ng	100
75) Fluoranthene	12.44	202	1280926	48.604	ng	98
77) Benzidine	12.56	184	519756	44.143	ng	97
78) Pyrene	12.66	202	1299130	44.242	ng	100
80) Butylbenzylphthalate	13.29	149	551879	38.732	ng	97
81) Benzo(a)anthracene	13.86	228	1082377	47.235	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	218486	25.554	ng	95
83) Chrysene	13.89	228	1094858	47.023	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708668	36.727	ng	98
85) Di-n-octyl phthalate	14.47	149	1248829	38.012	ng	99
86) Indeno(1,2,3-cd)pyrene	16.66	276	879686	42.861	ng	98
88) Benzo(b)fluoranthene	14.88	252	987050	45.214	ng	98
89) Benzo(k)fluoranthene	14.91	252	976662	51.852	ng	98
90) Benzo(a)pyrene	15.23	252	836602	45.579	ng	99
91) Dibenzo(a,h)anthracene	16.67	278	732350	45.044	ng	97
92) Benzo(g,h,i)perylene	17.07	276	689636	42.971	ng	98

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

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