Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119690.D
Acq On : 2 Apr 2020 2:09
Operator : MA/SJ
Sample : PB127927BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127927BS

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:41 PM

Quant Time: Apr 02 03:02:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	229672	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	900842	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	471435	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	909929	20.00	ng		0.00
76) Chrysene-d12	13.99	240	664524	20.00	ng		-0.01
87) Perylene-d12	15.44	264	710498	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1663969	115.33	ng		0.02
7) Phenol-d6	6.45	99	2142422	116.25	ng		0.00
23) Nitrobenzene-d5	7.38	82	1339739	80.83	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	646399	132.90	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2563672	80.56	ng		0.00
79) Terphenyl-d14	12.93	244	2882971	85.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	222722	31.257	ng		96
3) Pyridine	3.35	79	614083	31.282	ng		94
4) n-Nitrosodimethylamine	3.30	42	329875	34.459	ng		89
6) Aniline	6.47	93	780445	30.682	ng		97
8) 2-Chlorophenol	6.60	128	685348	45.229	ng		95
9) Benzaldehyde	6.36	77	370090	31.655	ng		99
10) Phenol	6.46	94	854989	43.477	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	648688	41.244	ng		99
12) 1,3-Dichlorobenzene	6.75	146	676726	41.263	ng		97
13) 1,4-Dichlorobenzene	6.83	146	687801	41.928	ng		97
14) 1,2-Dichlorobenzene	6.99	146	647124	42.205	ng		97
15) Benzyl Alcohol	6.95	79	569275	41.063	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1175846	37.064	ng		99
17) 2-Methylphenol	7.07	107	557374	40.146	ng		97
18) Hexachloroethane	7.33	117	258002	42.917	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	464712	41.833	ng		98
20) 3+4-Methylphenols	7.22	107	668396	39.283	ng	#	78
22) Acetophenone	7.22	105	871850	40.503	ng	#	88
24) Nitrobenzene	7.40	77	703929	39.738	ng		95
25) Isophorone	7.64	82	1327673	39.486	ng		99
26) 2-Nitrophenol	7.71	139	370639	53.140	ng		93
27) 2,4-Dimethylphenol	7.75	122	591218	40.994	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	845903	42.544	ng		99
29) 2,4-Dichlorophenol	7.95	162	569496	42.976	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	601317	41.032	ng		97
31) Naphthalene	8.12	128	1916106	41.332	ng		99
32) Benzoic acid	7.87	122	445509	48.023	ng		94
33) 4-Chloroaniline	8.16	127	447585	21.071	ng		99
34) Hexachlorobutadiene	8.24	225	340514	41.529	ng		97
35) Caprolactam	8.54	113	182794m	42.149	ng		
36) 4-Chloro-3-methylphenol	8.65	107	623303	43.036	ng		99
37) 2-Methylnaphthalene	8.82	142	1316982	43.287	ng		97
38) 1-Methylnaphthalene	8.91	142	1261835	43.818	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	554440	40.124	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	698248	88.883	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	429909	43.475	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	448302	40.470	ng		98
46) 1,1'-Biphenyl	9.28	154	1599108	41.648	ng		98
47) 2-Chloronaphthalene	9.30	162	1242182	41.301	ng		98
48) 2-Nitroaniline	9.40	65	446187	42.981	ng		92
49) Acenaphthylene	9.72	152	1968471	41.678	ng		98
50) Dimethylphthalate	9.58	163	1447900	43.239	ng		99
51) 2,6-Dinitrotoluene	9.64	165	327375	45.611	ng		91
52) Acenaphthene	9.89	154	1350062	45.852	ng		99
53) 3-Nitroaniline	9.80	138	242590	26.771	ng		99
54) 2,4-Dinitrophenol	9.92	184	328934	103.555	ng		99
55) Dibenzofuran	10.06	168	1774713	42.040	ng		100
56) 4-Nitrophenol	9.97	139	574233	80.330	ng		91
57) 2,4-Dinitrotoluene	10.05	165	436250	48.248	ng		95
58) Fluorene	10.41	166	1355947	43.435	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	372610	45.000	ng		98
60) Diethylphthalate	10.28	149	1497941	44.075	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	648129	42.456	ng		99
62) 4-Nitroaniline	10.43	138	358239	41.227	ng		93
63) Azobenzene	10.56	77	1427285	41.703	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	225899	59.204	ng		89
66) n-Nitrosodiphenylamine	10.52	169	1263004	42.281	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	434625	41.940	ng		99
68) Hexachlorobenzene	10.96	284	465471	43.886	ng	#	90
69) Atrazine	11.05	200	387578	47.327	ng		99
70) Pentachlorophenol	11.15	266	508909	81.831	ng		99
71) Phenanthrene	11.37	178	1959234	41.525	ng		99
72) Anthracene	11.42	178	2017061	42.063	ng		100
73) Carbazole	11.57	167	1861021	39.209	ng		99
74) Di-n-butylphthalate	11.91	149	2312319	45.541	ng		100
75) Fluoranthene	12.56	202	2138478	41.880	ng		99
77) Benzidine	12.68	184	1122776	39.924	ng		99
78) Pyrene	12.79	202	2151638	39.453	ng		99
80) Butylbenzylphthalate	13.41	149	982556	44.545	ng		98
81) Benzo(a)anthracene	13.97	228	1707646	39.517	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	439225	25.779	ng		98
83) Chrysene	14.02	228	1776509	39.834	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1278099	48.607	ng		99
85) Di-n-octyl phthalate	14.58	149	2316133	50.084	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1978490	47.105	ng		99
88) Benzo(b)fluoranthene	15.02	252	1957420	41.243	ng		98
89) Benzo(k)fluoranthene	15.05	252	1763724	39.027	ng		100
90) Benzo(a)pyrene	15.38	252	1710562	39.659	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1636364	43.375	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1607012	42.400	ng		97

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

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