Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118933.D
Acq On : 14 Feb 2020 15:49
Operator : CG/JU
Sample : PB126820BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126820BS

Manual Integrations APPROVED
mohammad
2/17/2020 3:48:58 PM

Quant Time: Feb 15 04:03:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	165435	20.00	ng		-0.04
21) Naphthalene-d8	8.06	136	629005	20.00	ng		-0.05
39) Acenaphthene-d10	9.81	164	353577	20.00	ng		-0.05
64) Phenanthrene-d10	11.30	188	670136	20.00	ng		-0.04
76) Chrysene-d12	13.93	240	501502	20.00	ng		-0.05
87) Perylene-d12	15.36	264	462362	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1528770	174.92	ng		-0.02
7) Phenol-d6	6.42	99	1898431	174.99	ng		-0.03
23) Nitrobenzene-d5	7.34	82	813200	77.06	ng		-0.04
42) 2,4,6-Tribromophenol	10.60	330	517149	122.24	ng		-0.04
45) 2-Fluorobiphenyl	9.13	172	1639781	82.91	ng		-0.05
79) Terphenyl-d14	12.88	244	2584065	105.84	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	245760	61.70	ng		99
3) Pyridine	3.32	79	587504	53.12	ng		99
4) n-Nitrosodimethylamine	3.25	42	257468	63.94	ng		99
6) Aniline	6.44	93	665328	47.62	ng	#	36
8) 2-Chlorophenol	6.57	128	655042	67.29	ng		99
9) Benzaldehyde	6.32	77	311677	59.56	ng		95
10) Phenol	6.43	94	760314	63.03	ng		82
11) bis(2-Chloroethyl)ether	6.52	93	564960	61.22	ng		99
12) 1,3-Dichlorobenzene	6.72	146	615805	53.15	ng		98
13) 1,4-Dichlorobenzene	6.79	146	532778	46.10	ng		99
14) 1,2-Dichlorobenzene	6.95	146	499481	45.24	ng		99
15) Benzyl Alcohol	6.92	79	403686	48.14	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	474764	42.01	ng		96
17) 2-Methylphenol	7.04	107	397125	49.07	ng		97
18) Hexachloroethane	7.29	117	188198	45.37	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	302672	45.60	ng		98
20) 3+4-Methylphenols	7.19	107	471069	46.44	ng		94
22) Acetophenone	7.19	105	618797	45.28	ng		99
24) Nitrobenzene	7.36	77	496183	47.07	ng		100
25) Isophorone	7.60	82	876998	46.24	ng		98
26) 2-Nitrophenol	7.67	139	271922	48.41	ng		98
27) 2,4-Dimethylphenol	7.72	122	418552	54.85	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	534329	43.45	ng		98
29) 2,4-Dichlorophenol	7.92	162	425533	46.56	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	474064	44.38	ng		99
31) Naphthalene	8.08	128	1383150	48.08	ng		99
32) Benzoic acid	7.86	122	265187	41.97	ng		98
33) 4-Chloroaniline	8.13	127	348553	27.08	ng		99
34) Hexachlorobutadiene	8.20	225	279198	42.66	ng		99
35) Caprolactam	8.50	113	141834m	47.88	ng		
36) 4-Chloro-3-methylphenol	8.62	107	435431	47.35	ng		99
37) 2-Methylnaphthalene	8.77	142	947167	47.47	ng		97
38) 1-Methylnaphthalene	8.87	142	889134	47.37	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	459602	43.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	429524	102.65	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	313283	43.90	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	332636	45.62	ng		98
46) 1,1'-Biphenyl	9.23	154	1129018	46.16	ng		99
47) 2-Chloronaphthalene	9.26	162	921551	45.32	ng		99
48) 2-Nitroaniline	9.36	65	258544	44.09	ng		96
49) Acenaphthylene	9.67	152	1423750	48.50	ng		98
50) Dimethylphthalate	9.54	163	1079290	44.83	ng		99
51) 2,6-Dinitrotoluene	9.60	165	254064	46.12	ng		98
52) Acenaphthene	9.85	154	821995	42.49	ng		99
53) 3-Nitroaniline	9.76	138	174221	28.52	ng		92
54) 2,4-Dinitrophenol	9.88	184	227293	85.83	ng		96
55) Dibenzofuran	10.02	168	1257507	44.98	ng		98
56) 4-Nitrophenol	9.95	139	378667	85.64	ng		95
57) 2,4-Dinitrotoluene	10.00	165	338991	46.50	ng	#	86
58) Fluorene	10.36	166	970772	46.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280356	44.03	ng		97
60) Diethylphthalate	10.24	149	1027333	43.88	ng		98
61) 4-Chlorophenyl-phenylether	10.35	204	495935	43.48	ng		97
62) 4-Nitroaniline	10.39	138	260419	42.57	ng		97
63) Azobenzene	10.51	77	922519	46.16	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	178301	47.35	ng		99
66) n-Nitrosodiphenylamine	10.47	169	896530	46.19	ng		99
67) 4-Bromophenyl-phenylether	10.84	248	340408	42.94	ng		98
68) Hexachlorobenzene	10.92	284	387772	42.65	ng		95
69) Atrazine	11.00	200	322633	49.89	ng		99
70) Pentachlorophenol	11.11	266	362739	75.55	ng		98
71) Phenanthrene	11.32	178	1497199	45.41	ng		99
72) Anthracene	11.37	178	1972165	60.13	ng		99
73) Carbazole	11.53	167	1725756	59.95	ng		99
74) Di-n-butylphthalate	11.86	149	1950390	53.19	ng		99
75) Fluoranthene	12.51	202	2168670	60.24	ng		100
77) Benzidine	12.63	184	1099148	72.46	ng		99
78) Pyrene	12.73	202	2225512	64.69	ng		99
80) Butylbenzylphthalate	13.35	149	876680	55.83	ng		99
81) Benzo(a)anthracene	13.92	228	1382807	46.34	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	395307	32.39	ng		98
83) Chrysene	13.96	228	1373688	45.86	ng		97
84) Bis(2-ethylhexyl)phthalate	13.91	149	820189	41.17	ng		98
85) Di-n-octyl phthalate	14.52	149	1359664	39.84	ng		99
86) Indeno(1,2,3-cd)pyrene	16.78	276	1198340	39.82	ng		99
88) Benzo(b)fluoranthene	14.95	252	1392836	48.55	ng		99
89) Benzo(k)fluoranthene	14.98	252	1186353	47.49	ng		99
90) Benzo(a)pyrene	15.30	252	1127934	45.94	ng		98
91) Dibenzo(a,h)anthracene	16.79	278	1000948	45.92	ng		98
92) Benzo(g,h,i)perylene	17.20	276	1011274	48.24	ng		100

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

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