Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119667.D
Acq On : 1 Apr 2020 11:53
Operator : MA/SJ
Sample : PB127920BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:22 PM

Quant Time: Apr 01 13:00:57 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	6.82	152	279675	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1074530	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	554191	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	1077058	20.00	ng		0.00
76) Chrysene-d12	13.99	240	825950	20.00	ng		0.00
87) Perylene-d12	15.45	264	886242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1617000	92.04	ng		0.02
7) Phenol-d6	6.45	99	2055909	91.61	ng		0.00
23) Nitrobenzene-d5	7.38	82	1261515	63.81	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	600069	104.95	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2384955	63.75	ng		0.00
79) Terphenyl-d14	12.94	244	2813313	66.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	222586	25.653	ng		95
3) Pyridine	3.35	79	602534	25.206	ng		90
4) n-Nitrosodimethylamine	3.30	42	320872	27.525	ng		93
6) Aniline	6.47	93	744601	24.039	ng		97
8) 2-Chlorophenol	6.60	128	653848	35.435	ng		98
9) Benzaldehyde	6.36	77	347816	24.431	ng		98
10) Phenol	6.46	94	818261	34.170	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	632807	33.041	ng		97
12) 1,3-Dichlorobenzene	6.76	146	662455	33.171	ng		100
13) 1,4-Dichlorobenzene	6.83	146	666185	33.350	ng		99
14) 1,2-Dichlorobenzene	6.99	146	621833	33.304	ng		99
15) Benzyl Alcohol	6.96	79	529209	31.348	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1126099	29.150	ng		98
17) 2-Methylphenol	7.07	107	520330	30.777	ng		98
18) Hexachloroethane	7.33	117	250821	34.263	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	435015	32.158	ng		95
20) 3+4-Methylphenols	7.22	107	640492	30.913	ng	#	83
22) Acetophenone	7.23	105	829926	32.324	ng		97
24) Nitrobenzene	7.40	77	656070	31.050	ng		98
25) Isophorone	7.64	82	1231343	30.702	ng		99
26) 2-Nitrophenol	7.72	139	340733	40.956	ng		89
27) 2,4-Dimethylphenol	7.75	122	550939	32.027	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	793556	33.460	ng		99
29) 2,4-Dichlorophenol	7.96	162	530546	33.565	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	569649	32.588	ng		97
31) Naphthalene	8.12	128	1833554	33.159	ng		100
32) Benzoic acid	7.87	122	430994	38.949	ng		93
33) 4-Chloroaniline	8.17	127	432748	17.079	ng		96
34) Hexachlorobutadiene	8.24	225	320922	32.813	ng		99
35) Caprolactam	8.53	113	173027m	33.448	ng		
36) 4-Chloro-3-methylphenol	8.65	107	569517	32.966	ng		97
37) 2-Methylnaphthalene	8.82	142	1235048	34.032	ng		98
38) 1-Methylnaphthalene	8.92	142	1169528	34.048	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	525514	32.352	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	678758	73.500 ng	100
43) 2,4,6-Trichlorophenol	9.09	196	394818	33.965 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	411585	31.607 ng	94
46) 1,1'-Biphenyl	9.28	154	1469035	32.547 ng	99
47) 2-Chloronaphthalene	9.30	162	1151213	32.561 ng	99
48) 2-Nitroaniline	9.40	65	397376	32.563 ng	95
49) Acenaphthylene	9.72	152	1813788	32.668 ng	99
50) Dimethylphthalate	9.59	163	1345384	34.178 ng	99
51) 2,6-Dinitrotoluene	9.65	165	302667	35.872 ng	96
52) Acenaphthene	9.89	154	1112620	32.145 ng	97
53) 3-Nitroaniline	9.81	138	208386	19.563 ng	91
54) 2,4-Dinitrophenol	9.92	184	349963	94.414 ng	97
55) Dibenzofuran	10.07	168	1650831	33.266 ng	99
56) 4-Nitrophenol	9.97	139	548482	65.270 ng	94
57) 2,4-Dinitrotoluene	10.05	165	405205	38.123 ng	99
58) Fluorene	10.41	166	1252863	34.140 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	352657	36.230 ng	98
60) Diethylphthalate	10.29	149	1376796	34.461 ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	601858	33.538 ng	97
62) 4-Nitroaniline	10.43	138	329217	32.229 ng	97
63) Azobenzene	10.56	77	1318984	32.784 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	233733	51.752 ng	99
66) n-Nitrosodiphenylamine	10.52	169	1161367	32.846 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	398929	32.522 ng	96
68) Hexachlorobenzene	10.96	284	430478	34.289 ng	100
69) Atrazine	11.05	200	360189	37.158 ng	99
70) Pentachlorophenol	11.15	266	491307	66.742 ng	97
71) Phenanthrene	11.37	178	1835868	32.872 ng	99
72) Anthracene	11.43	178	1916778	33.769 ng	99
73) Carbazole	11.58	167	1778636	31.658 ng	98
74) Di-n-butylphthalate	11.92	149	2185452	36.364 ng	99
75) Fluoranthene	12.56	202	2033643	33.647 ng	99
77) Benzidine	12.69	184	1257756	35.983 ng	99
78) Pyrene	12.79	202	2080587	30.694 ng	99
80) Butylbenzylphthalate	13.42	149	953021	34.762 ng	100
81) Benzo(a)anthracene	13.99	228	1684740	31.367 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	414253	19.561 ng	98
83) Chrysene	14.02	228	1776443	32.048 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1267479	38.782 ng	99
85) Di-n-octyl phthalate	14.59	149	2330267	40.542 ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	1986727	38.056 ng	99
88) Benzo(b)fluoranthene	15.03	252	1996770	33.729 ng	97
89) Benzo(k)fluoranthene	15.06	252	1683958	29.873 ng	99
90) Benzo(a)pyrene	15.39	252	1711356	31.809 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1628541	34.607 ng	98
92) Benzo(g,h,i)perylene	17.36	276	1608782	34.030 ng	96

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

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