Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119808.D
Acq On : 7 Apr 2020 8:32
Operator : MA/SJ
Sample : L2135-05MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:38 AM

Quant Time: Apr 07 09:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	188424	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	721162	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	369332	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	693508	20.00	ng		0.00
76) Chrysene-d12	13.96	240	499595	20.00	ng		0.00
87) Perylene-d12	15.40	264	505122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1477165	124.80	ng		0.02
7) Phenol-d6	6.42	99	1929024	127.58	ng		0.00
23) Nitrobenzene-d5	7.35	82	1185581	89.35	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	546798	143.51	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2163107	86.77	ng		0.00
79) Terphenyl-d14	12.90	244	2253482	88.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	239732	41.009	ng		99
3) Pyridine	3.28	79	653169	40.557	ng		94
4) n-Nitrosodimethylamine	3.23	42	346318	44.096	ng		94
6) Aniline	6.45	93	478507	22.930	ng		99
8) 2-Chlorophenol	6.57	128	680579	54.746	ng		99
9) Benzaldehyde	6.33	77	343476	35.809	ng		98
10) Phenol	6.43	94	843296	52.270	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	644063	49.914	ng		97
12) 1,3-Dichlorobenzene	6.72	146	688096	51.142	ng		97
13) 1,4-Dichlorobenzene	6.80	146	699303	51.962	ng		98
14) 1,2-Dichlorobenzene	6.96	146	644360	51.224	ng		98
15) Benzyl Alcohol	6.93	79	556848	48.959	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1116164	42.885	ng		98
17) 2-Methylphenol	7.05	107	543246	47.694	ng		98
18) Hexachloroethane	7.30	117	263641	53.456	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	451712	49.564	ng		98
20) 3+4-Methylphenols	7.20	107	660619	47.325	ng	#	79
22) Acetophenone	7.20	105	867534	50.345	ng	#	89
24) Nitrobenzene	7.37	77	698063	49.226	ng		99
25) Isophorone	7.61	82	1259835	46.804	ng		99
26) 2-Nitrophenol	7.69	139	364279	65.242	ng		92
27) 2,4-Dimethylphenol	7.73	122	561976	48.675	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	802279	50.404	ng		99
29) 2,4-Dichlorophenol	7.93	162	554198	52.242	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	593521	50.591	ng		99
31) Naphthalene	8.09	128	1887446	50.858	ng		99
32) Benzoic acid	7.86	122	445903	60.041	ng		96
33) 4-Chloroaniline	8.14	127	151292	8.897	ng		98
34) Hexachlorobutadiene	8.21	225	339936	51.788	ng		99
35) Caprolactam	8.52	113	171625m	49.433	ng		
36) 4-Chloro-3-methylphenol	8.63	107	594480	51.273	ng		99
37) 2-Methylnaphthalene	8.79	142	1269215	52.111	ng		99
38) 1-Methylnaphthalene	8.89	142	1205889	52.308	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	558897	51.628	ng		99

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Quant Time: Apr 07 09:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	559582	90.924	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	406264	52.442	ng	98
44) 2,4,5-Trichlorophenol	9.11	196	427207	49.227	ng	95
46) 1,1'-Biphenyl	9.25	154	1513349	50.310	ng	98
47) 2-Chloronaphthalene	9.27	162	1175638	49.895	ng	100
48) 2-Nitroaniline	9.37	65	417816	51.374	ng	91
49) Acenaphthylene	9.69	152	1840049	49.729	ng	99
50) Dimethylphthalate	9.56	163	1616554	61.621	ng	99
51) 2,6-Dinitrotoluene	9.62	165	309970	55.125	ng	89
52) Acenaphthene	9.86	154	1129205	48.953	ng	100
53) 3-Nitroaniline	9.78	138	114542	16.135	ng	94
54) 2,4-Dinitrophenol	9.89	184	229715	93.102	ng	98
55) Dibenzofuran	10.04	168	1650322	49.901	ng	99
56) 4-Nitrophenol	9.96	139	514683	91.904	ng	95
57) 2,4-Dinitrotoluene	10.02	165	407657	57.550	ng	97
58) Fluorene	10.38	166	1262364	51.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	345965	53.333	ng	98
60) Diethylphthalate	10.26	149	1370060	51.456	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	604062	50.508	ng	97
62) 4-Nitroaniline	10.40	138	292379	42.950	ng	96
63) Azobenzene	10.53	77	1297837	48.404	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	179031	61.564	ng	86
66) n-Nitrosodiphenylamine	10.49	169	1175171	51.618	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	402382	50.946	ng	98
68) Hexachlorobenzene	10.93	284	432074	53.451	ng	98
69) Atrazine	11.02	200	346914	55.582	ng	99
70) Pentachlorophenol	11.12	266	463452	97.778	ng	97
71) Phenanthrene	11.35	178	1814525	50.459	ng	99
72) Anthracene	11.40	178	1888267	51.666	ng	98
73) Carbazole	11.55	167	1722112	47.605	ng	99
74) Di-n-butylphthalate	11.89	149	2104509	54.383	ng	99
75) Fluoranthene	12.53	202	1971190	50.650	ng	97
77) Benzidine	12.65	184	721579	34.129	ng	98
78) Pyrene	12.76	202	1970695	48.064	ng	98
80) Butylbenzylphthalate	13.38	149	881426	53.152	ng	98
81) Benzo(a)anthracene	13.95	228	1597423	49.170	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	365996	28.572	ng	99
83) Chrysene	13.99	228	1629674	48.605	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1139469	57.641	ng	99
85) Di-n-octyl phthalate	14.56	149	2048457	58.919	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1701226	53.875	ng	99
88) Benzo(b)fluoranthene	14.99	252	1842662	54.610	ng	98
89) Benzo(k)fluoranthene	15.02	252	1488691	46.334	ng	98
90) Benzo(a)pyrene	15.34	252	1514390	49.386	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1415218	52.765	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1387128	51.480	ng	98

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

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