Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121190.D
Acq On : 5 Aug 2020 13:14
Operator : JU/CG
Sample : L3521-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Manual Integrations APPROVED
mohammad
8/6/2020 1:21:00 PM

Quant Time: Aug 05 13:42:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122022	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	480039	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	252038	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	496090	20.00	ng	0.00
76) Chrysene-d12	13.97	240	429100	20.00	ng	0.00
86) Perylene-d12	15.42	264	488127	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	703053	94.45	ng	0.00
7) Phenol-d6	6.43	99	885465	92.09	ng	-0.01
23) Nitrobenzene-d5	7.36	82	578864	69.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	284932	103.28	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1077765	63.85	ng	0.00
79) Terphenyl-d14	12.91	244	1203379	60.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	125121	36.525	ng	99
3) Pyridine	3.23	79	309819	33.998	ng	99
4) n-Nitrosodimethylamine	3.17	42	166595	42.752	ng	96
6) Aniline	6.46	93	441434	35.172	ng	95
8) 2-Chlorophenol	6.58	128	399925	48.773	ng	99
9) Benzaldehyde	6.34	77	248226	61.287	ng	99
10) Phenol	6.45	94	478674	45.258	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	367739	45.368	ng	98
12) 1,3-Dichlorobenzene	6.73	146	380801	42.828	ng	98
13) 1,4-Dichlorobenzene	6.81	146	391036	44.228	ng	99
14) 1,2-Dichlorobenzene	6.96	146	379638	45.388	ng	99
15) Benzyl Alcohol	6.94	79	325724	47.904	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	494774	42.349	ng	98
17) 2-Methylphenol	7.06	107	321162	44.190	ng	99
18) Hexachloroethane	7.30	117	141393	44.185	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	239514	43.808	ng	96
20) 3+4-Methylphenols	7.21	107	370137	40.036	ng	96
22) Acetophenone	7.20	105	489200	45.408	ng	96
24) Nitrobenzene	7.38	77	397918	44.502	ng	100
25) Isophorone	7.62	82	733951	44.328	ng	98
26) 2-Nitrophenol	7.70	139	219811	51.761	ng	95
27) 2,4-Dimethylphenol	7.74	122	346465	50.250	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	464988	46.007	ng	99
29) 2,4-Dichlorophenol	7.94	162	335920	47.678	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	343107	43.893	ng	99
31) Naphthalene	8.10	128	1091960	44.346	ng	100
32) Benzoic acid	7.88	122	239337	46.242	ng	98
33) 4-Chloroaniline	8.15	127	311921	28.396	ng	99
34) Hexachlorobutadiene	8.22	225	193794	42.055	ng	98
35) Caprolactam	8.54	113	117235m	51.888	ng	
36) 4-Chloro-3-methylphenol	8.65	107	355876	49.250	ng	97
37) 2-Methylnaphthalene	8.79	142	747859	46.775	ng	99
38) 1-Methylnaphthalene	8.89	142	703350	46.449	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	345837	47.095	ng	99

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Quant Time: Aug 05 13:42:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	325460	80.192	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	250382	48.426	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	268412	45.766	ng		98
46) 1,1'-Biphenyl	9.26	154	908807	47.271	ng		99
47) 2-Chloronaphthalene	9.28	162	699916	44.653	ng		98
48) 2-Nitroaniline	9.38	65	231358	48.841	ng		97
49) Acenaphthylene	9.70	152	1141575	46.880	ng		99
50) Dimethylphthalate	9.56	163	962920	52.957	ng		99
51) 2,6-Dinitrotoluene	9.63	165	195922	50.154	ng		91
52) Acenaphthene	9.87	154	654312	42.264	ng		100
53) 3-Nitroaniline	9.79	138	152992	31.227	ng		99
54) 2,4-Dinitrophenol	9.91	184	213492	93.670	ng		98
55) Dibenzofuran	10.05	168	1003354	44.817	ng		98
56) 4-Nitrophenol	9.97	139	328941	88.385	ng		99
57) 2,4-Dinitrotoluene	10.03	165	253372	49.390	ng		92
58) Fluorene	10.39	166	748541	44.830	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	224461	50.266	ng		99
60) Diethylphthalate	10.26	149	856256	46.557	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	368777	41.408	ng		99
62) 4-Nitroaniline	10.42	138	222008	46.518	ng		99
63) Azobenzene	10.54	77	787885	44.999	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	148228	51.336	ng		89
66) n-Nitrosodiphenylamine	10.50	169	717099	45.950	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	247367	44.724	ng		95
68) Hexachlorobenzene	10.93	284	284320	47.520	ng	#	91
69) Atrazine	11.03	200	210089	54.358	ng		99
70) Pentachlorophenol	11.13	266	317132	92.522	ng		99
71) Phenanthrene	11.35	178	1156295	45.320	ng		100
72) Anthracene	11.40	178	1194544	46.626	ng		100
73) Carbazole	11.56	167	1158149	45.551	ng		100
74) Di-n-butylphthalate	11.89	149	1336353	45.546	ng		99
75) Fluoranthene	12.54	202	1336399	47.255	ng		98
77) Benzidine	12.66	184	582122	51.598	ng		98
78) Pyrene	12.77	202	1367298	45.070	ng		99
80) Butylbenzylphthalate	13.38	149	626046	46.291	ng		94
81) Benzo(a)anthracene	13.96	228	1248251	48.039	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	426829	43.540	ng		98
83) Chrysene	14.00	228	1242353	45.496	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	796518	47.762	ng		100
85) Di-n-octyl phthalate	14.56	149	1498909	45.177	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1564262	46.079	ng		100
88) Benzo(b)fluoranthene	15.00	252	1540510	52.211	ng		99
89) Benzo(k)fluoranthene	15.03	252	1138855	42.323	ng		99
90) Benzo(a)pyrene	15.36	252	1267384	47.080	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1259988	45.438	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1319448	48.258	ng		98

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

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