Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044345.D
Acq On : 7 Feb 2020 20:15
Operator : CG/JU
Sample : L1431-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
06MSD

Manual Integrations APPROVED
mohammad
2/11/2020 8:26:13 AM

Quant Time: Feb 08 03:04:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	84556	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	350231	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	216907	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	469259	20.00	ng	0.00
76) Chrysene-d12	21.54	240	440907	20.00	ng	0.00
87) Perylene-d12	24.63	264	475560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	546819	114.13	ng	0.00
7) Phenol-d6	7.09	99	712994	110.82	ng	0.00
23) Nitrobenzene-d5	9.07	82	421931	68.01	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	268122	105.30	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922596	71.23	ng	0.00
79) Terphenyl-d14	19.91	244	1380249	64.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	90223	41.913	ng	100
3) Pyridine	3.77	79	219053	38.195	ng	98
4) n-Nitrosodimethylamine	3.69	42	107190	44.727	ng	98
6) Aniline	7.24	93	210209	26.322	ng	97
8) 2-Chlorophenol	7.48	128	267536	50.808	ng	99
9) Benzaldehyde	7.04	77	120219	32.809	ng	95
10) Phenol	7.11	94	326864	51.335	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	243769	44.781	ng	97
12) 1,3-Dichlorobenzene	7.80	146	279391	44.440	ng	99
13) 1,4-Dichlorobenzene	7.95	146	278675	44.754	ng	99
14) 1,2-Dichlorobenzene	8.27	146	264948	45.017	ng	99
15) Benzyl Alcohol	8.15	79	214788	47.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.44	45	317932	43.151	ng	98
17) 2-Methylphenol	8.36	107	223151	49.120	ng	98
18) Hexachloroethane	8.99	117	102314	43.787	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187378	43.700	ng	98
20) 3+4-Methylphenols	8.69	107	304765	48.678	ng	99
22) Acetophenone	8.73	105	353652	41.508	ng	99
24) Nitrobenzene	9.11	77	266581	44.017	ng	100
25) Isophorone	9.64	82	506684	43.821	ng	100
26) 2-Nitrophenol	9.82	139	148891	47.380	ng	99
27) 2,4-Dimethylphenol	9.89	122	239921	54.085	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	325447	42.192	ng	99
29) 2,4-Dichlorophenol	10.36	162	252964	47.161	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	262632	42.701	ng	100
31) Naphthalene	10.76	128	760431	44.752	ng	99
32) Benzoic acid	10.05	122	98370	37.898	ng	94
33) 4-Chloroaniline	10.87	127	102235	13.229	ng	99
34) Hexachlorobutadiene	11.06	225	156441	41.337	ng	99
35) Caprolactam	11.63	113	89090m	45.341	ng	
36) 4-Chloro-3-methylphenol	12.00	107	257760	45.834	ng	98
37) 2-Methylnaphthalene	12.37	142	555039	43.994	ng	99
38) 1-Methylnaphthalene	12.59	142	527923	44.384	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	272742	42.035	ng	98

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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	12.73	237	339467	109.037 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	196490	46.851 ng	99
44) 2,4,5-Trichlorophenol	13.05	196	213435	49.825 ng	98
46) 1,1'-Biphenyl	13.38	154	696851	44.539 ng	99
47) 2-Chloronaphthalene	13.42	162	541714	43.511 ng	99
48) 2-Nitroaniline	13.62	65	156914	42.706 ng	100
49) Acenaphthylene	14.27	152	853894	46.761 ng	98
50) Dimethylphthalate	14.01	163	712889	45.722 ng	100
51) 2,6-Dinitrotoluene	14.12	165	157474	45.297 ng	98
52) Acenaphthene	14.61	154	530382	44.810 ng	99
53) 3-Nitroaniline	14.45	138	79707	20.724 ng	99
54) 2,4-Dinitrophenol	14.66	184	182435	87.746 ng	97
55) Dibenzofuran	14.95	168	811840	45.302 ng	99
56) 4-Nitrophenol	14.77	139	289442	102.735 ng	99
57) 2,4-Dinitrotoluene	14.91	165	216757	44.485 ng	96
58) Fluorene	15.60	166	638404	45.229 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	181354	46.870 ng	99
60) Diethylphthalate	15.37	149	685372	44.115 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	336956	44.028 ng	98
62) 4-Nitroaniline	15.62	138	154157	40.111 ng	95
63) Azobenzene	15.88	77	609908	44.792 ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	136077	52.533 ng	97
66) n-Nitrosodiphenylamine	15.80	169	598986	45.548 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	219014	42.839 ng	98
68) Hexachlorobenzene	16.61	284	242121	42.272 ng	99
69) Atrazine	16.76	200	227637	50.503 ng	99
70) Pentachlorophenol	16.95	266	272254	93.447 ng	96
71) Phenanthrene	17.34	178	1030741	45.361 ng	99
72) Anthracene	17.43	178	1045650	46.545 ng	99
73) Carbazole	17.69	167	946412	45.697 ng	100
74) Di-n-butylphthalate	18.26	149	1169582	45.699 ng	99
75) Fluoranthene	19.34	202	1235668	47.008 ng	99
77) Benzidine	19.52	184	292879	23.948 ng	98
78) Pyrene	19.71	202	1235834	43.646 ng	99
80) Butylbenzylphthalate	20.60	149	538891	41.763 ng	99
81) Benzo(a)anthracene	21.52	228	1166098	42.913 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	235039	22.286 ng	100
83) Chrysene	21.59	228	1112261	42.346 ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	765221	43.085 ng	100
85) Di-n-octyl phthalate	22.61	149	1330639	43.301 ng	100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1431178	41.765 ng	100
88) Benzo(b)fluoranthene	23.65	252	1260052	45.982 ng	99
89) Benzo(k)fluoranthene	23.72	252	1202401	45.020 ng	100
90) Benzo(a)pyrene	24.49	252	1151908	44.459 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1177012	45.902 ng	99
92) Benzo(g,h,i)perylene	29.23	276	1200806	46.780 ng	99

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

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