Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044477.D
Acq On : 18 Feb 2020 18:00
Operator : CG/JU
Sample : L1365-16MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-021420MS

Manual Integrations APPROVED
mohammad
2/20/2020 8:57:29 AM

Quant Time: Feb 19 01:28:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	66704	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	279026	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	190910	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	413542	20.00	ng	0.00
76) Chrysene-d12	21.53	240	372140	20.00	ng	0.00
87) Perylene-d12	24.61	264	409062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	511414	135.31	ng	0.00
7) Phenol-d6	7.07	99	612426	120.66	ng	0.00
23) Nitrobenzene-d5	9.05	82	461000	93.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	339453	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1081183	94.84	ng	0.00
79) Terphenyl-d14	19.90	244	1694166	93.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	64451	37.954	ng	# 50
3) Pyridine	3.76	79	152349	33.674	ng	97
4) n-Nitrosodimethylamine	3.66	42	81215	42.958	ng	99
6) Aniline	7.22	93	91454	14.517	ng	98
8) 2-Chlorophenol	7.46	128	220728	53.138	ng	99
9) Benzaldehyde	7.02	77	97811	33.837	ng	98
10) Phenol	7.10	94	221408	44.079	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	201825	46.998	ng	97
12) 1,3-Dichlorobenzene	7.78	146	240832	48.559	ng	97
13) 1,4-Dichlorobenzene	7.93	146	242443	49.356	ng	99
14) 1,2-Dichlorobenzene	8.25	146	227470	48.992	ng	99
15) Benzyl Alcohol	8.13	79	180655	50.276	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	267742	46.065	ng	99
17) 2-Methylphenol	8.35	107	180168	50.273	ng	99
18) Hexachloroethane	8.97	117	89063	48.317	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	157703	46.623	ng	98
20) 3+4-Methylphenols	8.68	107	240056	48.604	ng	100
22) Acetophenone	8.72	105	304658	44.883	ng	# 99
24) Nitrobenzene	9.09	77	228705	47.400	ng	98
25) Isophorone	9.62	82	440172	47.783	ng	100
26) 2-Nitrophenol	9.81	139	129468	51.713	ng	100
27) 2,4-Dimethylphenol	9.87	122	205183	58.058	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	274703	44.702	ng	99
29) 2,4-Dichlorophenol	10.35	162	223787	52.368	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	237580	48.486	ng	99
31) Naphthalene	10.74	128	691869	51.108	ng	99
32) Benzoic acid	10.02	122	59754m	32.262	ng	
33) 4-Chloroaniline	10.86	127	34255	5.564	ng	96
34) Hexachlorobutadiene	11.04	225	138202	45.837	ng	97
35) Caprolactam	11.62	113	65171m	41.632	ng	
36) 4-Chloro-3-methylphenol	11.99	107	240017	53.571	ng	99
37) 2-Methylnaphthalene	12.36	142	519626	51.698	ng	99
38) 1-Methylnaphthalene	12.58	142	495085	52.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266157	46.606	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	124010	45.256	ng		98
43) 2,4,6-Trichlorophenol	12.97	196	191814	51.964	ng		100
44) 2,4,5-Trichlorophenol	13.05	196	207506	55.037	ng		98
46) 1,1'-Biphenyl	13.37	154	654974	47.563	ng		99
47) 2-Chloronaphthalene	13.41	162	522079	47.644	ng		99
48) 2-Nitroaniline	13.61	65	155168	47.982	ng		98
49) Acenaphthylene	14.26	152	834768	51.938	ng		99
50) Dimethylphthalate	13.99	163	667012	48.605	ng		100
51) 2,6-Dinitrotoluene	14.11	165	153601	50.200	ng		96
52) Acenaphthene	14.60	154	522449	50.151	ng		98
53) 3-Nitroaniline	14.43	138	65244	19.273	ng		98
54) 2,4-Dinitrophenol	14.65	184	93974	54.516	ng		99
55) Dibenzofuran	14.93	168	809164	51.301	ng		99
56) 4-Nitrophenol	14.77	139	247668	99.879	ng		97
57) 2,4-Dinitrotoluene	14.90	165	217157	50.636	ng		95
58) Fluorene	15.58	166	643932	51.834	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	187060	54.928	ng		99
60) Diethylphthalate	15.36	149	663713	48.538	ng		99
61) 4-Chlorophenyl-phenylether	15.58	204	336244	49.918	ng		100
62) 4-Nitroaniline	15.60	138	153360	45.338	ng		99
63) Azobenzene	15.87	77	614452	51.271	ng		99
65) 4,6-Dinitro-2-methylphenol	15.67	198	88869	38.931	ng		99
66) n-Nitrosodiphenylamine	15.79	169	599400	51.720	ng		100
67) 4-Bromophenyl-phenylether	16.47	248	223621	49.633	ng		98
68) Hexachlorobenzene	16.60	284	246208	48.777	ng		99
69) Atrazine	16.74	200	230871	58.121	ng		99
70) Pentachlorophenol	16.94	266	257317	99.992	ng		99
71) Phenanthrene	17.32	178	1033928	51.632	ng		100
72) Anthracene	17.42	178	1057281	53.403	ng		99
73) Carbazole	17.68	167	955753	52.366	ng		100
74) Di-n-butylphthalate	18.25	149	1162933	51.561	ng		100
75) Fluoranthene	19.33	202	1174326	50.693	ng		99
77) Benzidine	19.51	184	233545	22.625	ng		98
78) Pyrene	19.70	202	1183314	49.513	ng		99
80) Butylbenzylphthalate	20.58	149	524967	48.202	ng		98
81) Benzo(a)anthracene	21.51	228	1136559	49.555	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	172211	19.346	ng		99
83) Chrysene	21.57	228	1086419	49.006	ng		99
84) Bis(2-ethylhexyl)phthalate	21.42	149	740718	49.412	ng		99
85) Di-n-octyl phthalate	22.59	149	1287142	49.626	ng		100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421102	49.134	ng	#	75
88) Benzo(b)fluoranthene	23.64	252	1174767	49.838	ng		99
89) Benzo(k)fluoranthene	23.70	252	1218209	53.026	ng		100
90) Benzo(a)pyrene	24.47	252	1135069	50.931	ng		98
91) Dibenzo(a,h)anthracene	28.18	278	1157127	52.462	ng		99
92) Benzo(g,h,i)perylene	29.20	276	1067102	48.329	ng		98

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

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