Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044478.D
Acq On : 18 Feb 2020 18:39
Operator : CG/JU
Sample : L1365-16MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-021420MSD

Manual Integrations APPROVED
mohammad
2/20/2020 8:57:31 AM

Quant Time: Feb 19 01:31:19 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	7.90	152	71521	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	294201	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	197161	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	430692	20.00	ng	0.00
76) Chrysene-d12	21.53	240	397580	20.00	ng	0.00
87) Perylene-d12	24.61	264	438558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	541062	133.51	ng	0.00
7) Phenol-d6	7.07	99	645492	118.61	ng	0.00
23) Nitrobenzene-d5	9.05	82	477489	91.63	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	345195	149.14	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1093667	92.89	ng	0.00
79) Terphenyl-d14	19.90	244	1752792	90.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	69981	38.435	ng	# 52
3) Pyridine	3.76	79	168501	34.735	ng	99
4) n-Nitrosodimethylamine	3.66	42	88628	43.722	ng	98
6) Aniline	7.22	93	79172	11.721	ng	99
8) 2-Chlorophenol	7.46	128	231705	52.023	ng	99
9) Benzaldehyde	7.03	77	106162	34.253	ng	97
10) Phenol	7.10	94	238580	44.299	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	210925	45.809	ng	97
12) 1,3-Dichlorobenzene	7.79	146	249957	47.004	ng	97
13) 1,4-Dichlorobenzene	7.93	146	247505	46.993	ng	100
14) 1,2-Dichlorobenzene	8.25	146	235444	47.294	ng	98
15) Benzyl Alcohol	8.13	79	188606	48.953	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	280909	45.075	ng	99
17) 2-Methylphenol	8.35	107	187210	48.720	ng	97
18) Hexachloroethane	8.98	117	91786	46.441	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	163687	45.133	ng	98
20) 3+4-Methylphenols	8.68	107	250320	47.269	ng	99
22) Acetophenone	8.71	105	314041	43.879	ng	99
24) Nitrobenzene	9.10	77	243336	47.831	ng	98
25) Isophorone	9.62	82	454581	46.802	ng	99
26) 2-Nitrophenol	9.81	139	135580	51.361	ng	99
27) 2,4-Dimethylphenol	9.88	122	211580	56.780	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	282240	43.559	ng	99
29) 2,4-Dichlorophenol	10.35	162	229831	51.009	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	245542	47.526	ng	99
31) Naphthalene	10.75	128	720952	50.509	ng	100
32) Benzoic acid	10.03	122	62805m	32.205	ng	
33) 4-Chloroaniline	10.85	127	24866	3.830	ng	98
34) Hexachlorobutadiene	11.04	225	143805	45.235	ng	98
35) Caprolactam	11.63	113	66818m	40.483	ng	
36) 4-Chloro-3-methylphenol	11.99	107	245388	51.944	ng	99
37) 2-Methylnaphthalene	12.36	142	530737	50.079	ng	99
38) 1-Methylnaphthalene	12.58	142	503541	50.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	273004	46.290	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	121381	42.892	ng		99
43) 2,4,6-Trichlorophenol	12.97	196	193428	50.740	ng		99
44) 2,4,5-Trichlorophenol	13.05	196	211711	54.372	ng		98
46) 1,1'-Biphenyl	13.37	154	675185	47.477	ng		100
47) 2-Chloronaphthalene	13.41	162	533936	47.181	ng		99
48) 2-Nitroaniline	13.61	65	157771	47.240	ng		99
49) Acenaphthylene	14.26	152	845131	50.916	ng		99
50) Dimethylphthalate	13.99	163	684398	48.291	ng		100
51) 2,6-Dinitrotoluene	14.11	165	156138	49.411	ng		99
52) Acenaphthene	14.60	154	528190	49.094	ng		99
53) 3-Nitroaniline	14.44	138	51659	14.776	ng		94
54) 2,4-Dinitrophenol	14.65	184	105770	58.729	ng		97
55) Dibenzofuran	14.94	168	818349	50.239	ng		99
56) 4-Nitrophenol	14.77	139	255109	99.618	ng		98
57) 2,4-Dinitrotoluene	14.90	165	222098	50.147	ng		98
58) Fluorene	15.58	166	658557	51.330	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	189238	53.806	ng		98
60) Diethylphthalate	15.36	149	673322	47.680	ng		99
61) 4-Chlorophenyl-phenylether	15.58	204	341239	49.054	ng		99
62) 4-Nitroaniline	15.61	138	154167	44.131	ng		97
63) Azobenzene	15.87	77	622015	50.256	ng		99
65) 4,6-Dinitro-2-methylphenol	15.67	198	96587	40.627	ng		97
66) n-Nitrosodiphenylamine	15.79	169	611411	50.656	ng		99
67) 4-Bromophenyl-phenylether	16.47	248	228826	48.766	ng		97
68) Hexachlorobenzene	16.60	284	252481	48.028	ng		99
69) Atrazine	16.75	200	239045	57.783	ng		99
70) Pentachlorophenol	16.94	266	261562	97.669	ng		98
71) Phenanthrene	17.32	178	1060194	50.835	ng		99
72) Anthracene	17.42	178	1089525	52.841	ng		99
73) Carbazole	17.69	167	984685	51.803	ng		99
74) Di-n-butylphthalate	18.24	149	1188724	50.606	ng		100
75) Fluoranthene	19.34	202	1212271	50.247	ng		100
77) Benzidine	19.51	184	273073	24.762	ng		98
78) Pyrene	19.69	202	1225283	47.989	ng		99
80) Butylbenzylphthalate	20.59	149	538283	46.262	ng		99
81) Benzo(a)anthracene	21.51	228	1165215	47.554	ng		100
82) 3,3'-Dichlorobenzidine	21.42	252	141970	14.929	ng		100
83) Chrysene	21.57	228	1118872	47.240	ng		100
84) Bis(2-ethylhexyl)phthalate	21.43	149	762495	47.610	ng		99
85) Di-n-octyl phthalate	22.59	149	1334013	48.142	ng		100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1490963	48.251	ng	#	87
88) Benzo(b)fluoranthene	23.64	252	1236121	48.914	ng		100
89) Benzo(k)fluoranthene	23.71	252	1232729	50.049	ng		100
90) Benzo(a)pyrene	24.47	252	1170011	48.967	ng		98
91) Dibenzo(a,h)anthracene	28.17	278	1250647	52.889	ng		98
92) Benzo(g,h,i)perylene	29.21	276	1147607	48.479	ng		99

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

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