Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039398.D
Acq On : 8 Feb 2019 1:32
Operator : JU/SJ
Sample : K1385-08MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 98-WC-S-01-2-57MSD

Manual Integrations APPROVED
Sohil
2/11/2019 5:04:26 PM

Quant Time: Feb 09 00:34:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57816	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	243776	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	163432	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	392334	20.00	ng	0.00
76) Chrysene-d12	21.84	240	398471	20.00	ng	0.00
87) Perylene-d12	25.22	264	421601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	438972	129.95	ng	0.00
7) Phenol-d6	7.32	99	588188	118.29	ng	0.00
23) Nitrobenzene-d5	9.36	82	391572	100.35	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	255112	144.96	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	934546	82.03	ng	0.00
79) Terphenyl-d14	20.14	244	1497427	79.54	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	45763	30.970	ng	# 24
3) Pyridine	4.02	79	129452	33.089	ng	94
4) n-Nitrosodimethylamine	3.93	42	75981	38.834	ng	85
6) Aniline	7.51	93	82123	13.185	ng	97
8) 2-Chlorophenol	7.73	128	159343	43.153	ng	98
9) Benzaldehyde	7.32	77	85207	32.501	ng	97
10) Phenol	7.35	94	196622	37.933	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	157392	38.427	ng	99
12) 1,3-Dichlorobenzene	8.06	146	169557	37.905	ng	97
13) 1,4-Dichlorobenzene	8.22	146	172108	38.602	ng	98
14) 1,2-Dichlorobenzene	8.53	146	168098	38.946	ng	99
15) Benzyl Alcohol	8.42	79	155712	39.888	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	311868	33.718	ng	99
17) 2-Methylphenol	8.60	107	140074	41.759	ng	98
18) Hexachloroethane	9.26	117	59867	39.029	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	128421	36.388	ng	96
20) 3+4-Methylphenols	8.93	107	191615	41.483	ng	98
22) Acetophenone	9.01	105	246637	37.665	ng	# 95
24) Nitrobenzene	9.40	77	187914	44.575	ng	96
25) Isophorone	9.91	82	368568	42.623	ng	99
26) 2-Nitrophenol	10.11	139	88475	52.135	ng	97
27) 2,4-Dimethylphenol	10.15	122	165614	47.345	ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	221468	41.581	ng	99
29) 2,4-Dichlorophenol	10.64	162	177387	46.399	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	179856	41.903	ng	94
31) Naphthalene	11.05	128	514614	42.553	ng	99
32) Benzoic acid	10.26	122	90799	41.211	ng	94
33) 4-Chloroaniline	11.16	127	13631	2.431	ng	# 90
34) Hexachlorobutadiene	11.32	225	117103	41.025	ng	97
35) Caprolactam	11.94	113	49925m	31.558	ng	
36) 4-Chloro-3-methylphenol	12.25	107	189837	42.936	ng	97
37) 2-Methylnaphthalene	12.65	142	388211	43.341	ng	97
38) 1-Methylnaphthalene	12.86	142	366714	42.472	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	213957	41.146	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	257713	90.951	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	146984	45.973	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	159984	47.743	ng		97
46) 1,1'-Biphenyl	13.64	154	518706	38.146	ng		99
47) 2-Chloronaphthalene	13.69	162	403137	39.409	ng		97
48) 2-Nitroaniline	13.89	65	137373	46.965	ng		93
49) Acenaphthylene	14.53	152	648304	42.001	ng		99
50) Dimethylphthalate	14.25	163	535618	40.579	ng		99
51) 2,6-Dinitrotoluene	14.38	165	117277	47.603	ng		95
52) Acenaphthene	14.87	154	397891	39.712	ng		99
53) 3-Nitroaniline	14.71	138	34516	17.195	ng	#	96
54) 2,4-Dinitrophenol	14.91	184	46074	51.374	ng		98
55) Dibenzofuran	15.20	168	642198	39.976	ng		100
56) 4-Nitrophenol	15.00	139	182903	76.882	ng		90
57) 2,4-Dinitrotoluene	15.16	165	163542	51.142	ng	#	89
58) Fluorene	15.85	166	508380	42.452	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155377	49.522	ng		97
60) Diethylphthalate	15.60	149	544787	39.919	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	272234	40.147	ng		97
62) 4-Nitroaniline	15.87	138	121349	44.206	ng		93
63) Azobenzene	16.12	77	493475	36.995	ng		99
65) 4,6-Dinitro-2-methylphenol	15.91	198	57611	40.071	ng		94
66) n-Nitrosodiphenylamine	16.05	169	465245	38.999	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	179476	41.235	ng		94
68) Hexachlorobenzene	16.83	284	180228	41.272	ng		98
69) Atrazine	16.99	200	190835	43.774	ng		97
70) Pentachlorophenol	17.18	266	195783	64.507	ng		99
71) Phenanthrene	17.59	178	858578	42.282	ng		98
72) Anthracene	17.68	178	867630	43.378	ng		97
73) Carbazole	17.95	167	768082	38.479	ng		99
74) Di-n-butylphthalate	18.48	149	931053	39.981	ng		98
75) Fluoranthene	19.59	202	1029669	43.687	ng		98
77) Benzidine	19.77	184	47327	3.623	ng		97
78) Pyrene	19.95	202	1042707	42.035	ng		99
80) Butylbenzylphthalate	20.82	149	441403	42.183	ng		96
81) Benzo(a)anthracene	21.82	228	1031844	43.824	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	124604	14.272	ng		97
83) Chrysene	21.89	228	949519	42.363	ng		98
84) Bis(2-ethylhexyl)phthalate	21.69	149	607845	40.717	ng		98
85) Di-n-octyl phthalate	22.96	149	1042851	42.284	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1126886	46.860	ng	#	91
88) Benzo(b)fluoranthene	24.14	252	1000541	43.516	ng		98
89) Benzo(k)fluoranthene	24.21	252	984712	42.658	ng		100
90) Benzo(a)pyrene	25.06	252	981059	44.305	ng		100
91) Dibenzo(a,h)anthracene	29.20	278	886304	42.740	ng		99
92) Benzo(g,h,i)perylene	30.35	276	909593	44.007	ng		99

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

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