Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040906.D
Acq On : 12 May 2019 12:54
Operator : HP/JU
Sample : K2768-15MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:53 PM

Quant Time: May 13 05:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	57046	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	231017	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	171460	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	413933	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	413512	20.00	ng		-0.03
87) Perylene-d12	25.15	264	449065	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	464195	143.44	ng		-0.02
7) Phenol-d6	7.28	99	687941	138.06	ng		-0.02
23) Nitrobenzene-d5	9.31	82	465614	93.13	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	354251	150.31	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1028760	86.65	ng		-0.03
79) Terphenyl-d14	20.10	244	1675676	89.78	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	49380	33.552	ng		89
3) Pyridine	3.94	79	108331	25.395	ng		92
4) n-Nitrosodimethylamine	3.86	42	82936	35.051	ng		85
6) Aniline	7.45	93	76358	11.562	ng		98
8) 2-Chlorophenol	7.70	128	170137	43.056	ng		96
9) Benzaldehyde	7.27	77	91005	27.657	ng		95
10) Phenol	7.31	94	237552	44.351	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	156336	38.923	ng		99
12) 1,3-Dichlorobenzene	8.02	146	170321	39.490	ng		98
13) 1,4-Dichlorobenzene	8.17	146	176099	40.277	ng		98
14) 1,2-Dichlorobenzene	8.49	146	170682	40.479	ng		97
15) Benzyl Alcohol	8.37	79	196126	37.828	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	260641	32.594	ng		96
17) 2-Methylphenol	8.56	107	165489	43.658	ng		96
18) Hexachloroethane	9.22	117	68105	37.973	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	156472	34.885	ng		92
20) 3+4-Methylphenols	8.89	107	228130	43.202	ng		97
22) Acetophenone	8.96	105	286886	44.659	ng	#	94
24) Nitrobenzene	9.36	77	235742	44.193	ng		94
25) Isophorone	9.87	82	442252	39.711	ng		99
26) 2-Nitrophenol	10.06	139	106543	55.719	ng		96
27) 2,4-Dimethylphenol	10.11	122	180089	50.196	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	234213	41.917	ng		98
29) 2,4-Dichlorophenol	10.59	162	207908	50.973	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	216564	47.879	ng		99
31) Naphthalene	11.01	128	540161	44.011	ng		99
32) Benzoic acid	10.22	122	78139	31.815	ng		86
33) 4-Chloroaniline	11.11	127	46745	8.590	ng		93
34) Hexachlorobutadiene	11.27	225	156020	46.723	ng		98
35) Caprolactam	11.90	113	65824m	40.876	ng		
36) 4-Chloro-3-methylphenol	12.22	107	236146	45.894	ng		97
37) 2-Methylnaphthalene	12.60	142	401221	43.723	ng		100
38) 1-Methylnaphthalene	12.82	142	379925	42.358	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	289726	45.360	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	356471	94.579	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	200612	51.973	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	209214	49.756	ng		95
46) 1,1'-Biphenyl	13.60	154	541890	40.706	ng		97
47) 2-Chloronaphthalene	13.65	162	451016	43.292	ng		97
48) 2-Nitroaniline	13.85	65	172080	46.402	ng		96
49) Acenaphthylene	14.49	152	710707	40.209	ng		98
50) Dimethylphthalate	14.21	163	771576	53.785	ng		99
51) 2,6-Dinitrotoluene	14.34	165	137739	49.195	ng		91
52) Acenaphthene	14.83	154	409978	39.829	ng		95
53) 3-Nitroaniline	14.68	138	59742	20.825	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	156592	97.486	ng	#	82
55) Dibenzofuran	15.16	168	697859	41.391	ng		99
56) 4-Nitrophenol	14.97	139	221457	89.027	ng	#	87
57) 2,4-Dinitrotoluene	15.13	165	193311	50.811	ng		90
58) Fluorene	15.81	166	552471	40.541	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	217760	51.453	ng		94
60) Diethylphthalate	15.56	149	617224	40.779	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	344395	43.453	ng		94
62) 4-Nitroaniline	15.84	138	129808	40.451	ng		93
63) Azobenzene	16.09	77	563616	36.158	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	117616	56.237	ng		86
66) n-Nitrosodiphenylamine	16.02	169	506919	41.625	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	229674	44.536	ng		95
68) Hexachlorobenzene	16.80	284	234666	44.008	ng		93
69) Atrazine	16.95	200	224274	46.481	ng		95
70) Pentachlorophenol	17.15	266	308025	98.715	ng		97
71) Phenanthrene	17.55	178	936048	41.984	ng		99
72) Anthracene	17.64	178	941908	42.029	ng		99
73) Carbazole	17.91	167	851250	41.691	ng		99
74) Di-n-butylphthalate	18.45	149	968804	39.312	ng		100
75) Fluoranthene	19.55	202	1205699	43.396	ng		99
77) Benzidine	19.73	184	148581	13.123	ng		99
78) Pyrene	19.92	202	1229014	47.421	ng		99
80) Butylbenzylphthalate	20.78	149	455323	45.076	ng		94
81) Benzo(a)anthracene	21.77	228	1166009	44.616	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	227924	24.469	ng		97
83) Chrysene	21.84	228	1139147	45.833	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	633070	43.417	ng	#	97
85) Di-n-octyl phthalate	22.90	149	1069244	43.542	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1411928	46.986	ng	#	92
88) Benzo(b)fluoranthene	24.07	252	1202869	43.834	ng		96
89) Benzo(k)fluoranthene	24.14	252	1148804	44.826	ng		98
90) Benzo(a)pyrene	24.99	252	1167132	44.931	ng		99
91) Dibenzo(a,h)anthracene	29.06	278	1151044	43.788	ng		97
92) Benzo(g,h,i)perylene	30.21	276	1179040	45.068	ng		97

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

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